

# 2012 STANISLAUS COUNCIL OF GOVERNMENTS REGIONAL ON- BOARD TRANSIT SURVEY

*FINAL REPORT*

Developed by:



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# CHAPTER 1: OVERVIEW

In July 2012, ETC Institute entered into a contract with the Stanislaus Council of Governments (StanCOG) to develop and implement an On-Board Transit Survey for Stanislaus County's four transit operators. Administration of the survey by ETC Institute occurred during the fall of 2012. The primary objective for conducting the On-Board Transit Survey was to gather accurate travel data from transit riders to update the regional travel demand model. The universe for the survey consisted of 33 bus routes operated by the following transit agencies: 1) Stanislaus Regional Transit (StaRT), 2) the City of Modesto (MAX), 3) Turlock (BLAST), and 4) Ceres (CAT). This system includes express routes and local routes that serve a network of communities in the Stanislaus County region. The goal was to obtain usable surveys from at least 800 transit riders, which represented approximately 6% of the entire system ridership. The actual number of completed, usable surveys was 894.

This overview contains a description of the data requirements, sampling methodology including the sampling plan, survey administration/quality control procedures, and data entry/editing procedures. More detailed information is provided in subsequent chapters of this report:

- A more detailed description of the administration of the on-board survey is provided in Chapter 2.
- Characteristics of transit riders and select findings are provided in Chapter 3.
- Major results of the survey are shown as charts and graphs in Chapter 4.
- A detailed description of the final survey database is provided in Chapter 5.
- Unweighted survey results are provided in Chapter 6.
- Weighted survey results, which have adjusted the results to reflect the actual ridership on each route, is provided in Chapter 7.
- A copy of the survey instrument are provided in Chapter 8.

## Data Requirements

ETC Institute worked closely with StanCOG staff to design the survey instrument. Some of the specific types of information that were gathered on the survey included:

- The location where the rider initially started his/her trip
- How the rider traveled from their starting place to the bus
- The location where the rider boarded the bus
- The location where the rider got off the bus
- How the rider traveled from the bus to his/her final destination
- The location of the rider's final destination

- Personal and Household information (number of occupants, gender, employment status, etc.)

The survey was administered as a face-to-face interview on local routes using iPads which interfaced with Google Maps to allow real-time geocoding of address information. Paper surveys were the primary method used on express routes. While most respondents completed the survey during their trip, postage-paid return reply envelopes were available for riders who did not have time to complete the survey during their trip. This was done to ensure that short-trips were captured in the survey administration.

Each of the printed surveys contained a serial number that was used by ETC Institute to track the route and sequence in which surveys were completed. Riders who did not have time to complete the survey during the trip and indicated that would not complete the survey by mail, were asked to provide their phone number. Those who provided their phone number were contacted by ETC Institute's call center the following day and asked to provide the survey information by phone.

**Initial Test of the Survey Instrument.** ETC Institute conducted a pilot test of the survey to ensure the survey worked properly. The pilot test was conducted with a total of 50 riders on 2 different routes. No problems with the survey instrument or sampling procedures were identified during the pilot test.

### Sampling Methodology and Report on Complete and Usable Surveys

ETC Institute developed a sampling plan to ensure that the overall results of the survey would be statistically valid for the region as a whole. The sampling plan identifies the number of completed surveys that were needed from each route. The sampling plan was designed to obtain completed surveys from approximately 5-6.5% of the ridership on each bus route. Oversampling was done on selected routes during the evening hours to ensure evening ridership was captured.

A copy of the report of the goals and the completed versus the usable surveys is provided on the following page.

<b>StanCOG Regional On-Board Survey</b>				
<b>Report on Completed and Usable Surveys</b>				
<b>System</b>	<b>Route</b>	<b>ROUTE GOAL</b>	<b>ACTUAL NUMBER OF COMPLETED SURVEYS</b>	<b>GOAL MET (within 10% or 10 completed surveys)</b>
<b>START (6.5% sampling)</b>	10	47	53	Yes
	15	16	19	Yes
	40	9	15	Yes
	45	5	11	Yes
	60	23	24	Yes
	70	5	10	Yes
	Waterford	4	4	Yes
<b>CERES (6.5% sampling)</b>	CERES - Route A	8	8	Yes
	CERES - Route B	3	3	Yes
	CERES - Route D	1	2	Yes
<b>TURLOCK (6.5% sampling)</b>	TURLOCK - Route A	10	9	Yes
	TURLOCK - Route B	12	15	Yes
	TURLOCK - Route C	10	10	Yes
	TURLOCK - Route D	13	11	Yes
<b>MODESTO - Local Routes (5% sampling)</b>	21	45	43	Yes
	42	41	35	Yes
	22	80	89	Yes
	28	18	21	Yes
	25	78	80	Yes
	30	38	39	Yes
	29	39	54	Yes
	33	20	23	Yes
	36	15	26	Yes
	37	34	36	Yes
	24	12	11	Yes
	34	14	13	Yes
	38	26	28	Yes
	26	22	22	Yes
	27	17	19	Yes
	43	11	11	Yes
	<b>Modesto - Express Routes (6.5% sampling)</b>	31	37	38
32		45	50	Yes
41		15	19	Yes
39		4	7	Yes
BART 1 & 2		18	27	Yes
ACE 1, 2, & 3		7	9	Yes
<b>TOTAL</b>		<b>800</b>	<b>894</b>	

## Survey Administration/Quality Control Procedures

Some of the survey administration and quality control procedures utilized by ETC Institute are listed below.

- Each interviewer was trained to understand the purpose of the survey so they could explain the importance of the survey to riders.
- One interviewer was assigned per bus and at least one bus was selected from each route.
- Interviewers conducted surveys on their assigned bus for the entire day that the route was in operation in accordance with the hours shown in the sampling plan. Short breaks were allowed for interviewers in conjunction with breaks that were taken by the driver.
- On routes where paper surveys were administered, the interviewer asked every “nth” rider to complete the survey in accordance with the sampling plan. Riders on local routes on which the iPads were used were selected at random by a computer algorithm that selected participants at random based on the number of boardings at each stop.
- Following the completion of each run along a route, the interviewer would briefly get off the bus and take completed surveys from that route to ETC Institute’s Team Leader. The Team Leader worked at the transit center.
- ETC Institute’s Team Leader and two assistants reviewed all the completed surveys that were submitted by interviewers to ensure the usability, accuracy, and completeness of the data collected.
- ETC Institute’s Team Leader ensured that the total number of usable surveys exceeded the sampling goals for each route.

## Data Entry and Editing Procedures

Following the administration of the survey, ETC Institute’s Team Leader and the interviewing team conducted a secondary review of the completed surveys. Errors that were identified during the secondary review were corrected when possible. When data was missing, incomplete, or illegible, internet research was conducted to retrieve the data. Specific procedures that were followed by ETC Institute are described below:

- ETC Institute personnel conducted a 100% review of all completed surveys.
- If an entry on a survey form did not conform to the specifications established for the field, was incomplete, or illegible, ETC Institute employees took one of two actions:
  - they corrected the entry; the corrections were sometimes easy to make given the data provided; or

- they utilized the internet to research origin/destination addresses and intersections to ensure they were complete as possible. When ETC Institute personnel took these actions, the employee noted the action taken and reported the action to the project supervisor. This review process was done prior to data entry to ensure all survey data was as complete as possible before the information was entered into the database.
- ETC Institute personnel conducted dual data entry for 100% of the records. All completed surveys were entered into two independent databases by different people. After data entry was completed for each database, the files were compared and screened for records that did not match. Records that did not match were corrected in each of the databases by different people. The files were then merged again, and records that still did not match were corrected again. This process was repeated until all records in each of the two databases matched.

## Development of Weighting Factors to Expand the Sample

This section describes the process for developing the weighting factors that were used to expand the survey database to the total transit ridership in the region. **Unlinked trip weighting factors** were developed to expand the total number of completed surveys to the actual number of transit boardings in the region by direction and time period.

### Unlinked Trip Weighting Factors for Bus Routes

A total of 894 surveys were completed with bus passengers. The number of completed bus surveys represented approximately 6% of the average weekday boardings on the region's bus system during the month of November 2012.

In order to ensure that the survey data accurately represented the travel patterns of the passengers who use bus service in the region on a typical weekday, unlinked trip weighting factors were prepared for each survey record. The 894 passenger surveys were expanded by direction and time of day.

The process for calculating unlinked trip weighting factors for bus routes simply involved dividing the number of boardings in each direction by time of day on each route by the number of surveys that were completed. For most local routes, expansion factors were developed for the following six types of trips:

- Inbound Trips during the AM Peak (before 9am)
- Inbound Trips during the Midday (9am-2pm)
- Inbound Trips during the PM Peak (after 2pm)
- Outbound Trips during the AM Peak (before 9am)
- Outbound Trips during the Midday (9am-2pm)
- Outbound Trips during the PM Peak (after 2pm)

Weighting is used to adjust a dataset so that it better represents a known population. When done correctly, weighting a dataset can make the overall results more accurate and representative of what is really occurring on your transit system.

The weighting factors used for data expansion are shown in the Table below.

<b>StanCOG Regional On-Board Survey Sampling Plan and Weighting Factors</b>					
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>CERES - Route A</b>	LOOP	20	42	58	120
	Goal for Completed Surveys	1	3	4	7.8
	ACTUAL COMPLETED SURVEYS	1	3	4	8
	<b>WEIGHT FACTOR</b>	<b>20.000000</b>	<b>14.000000</b>	<b>14.500000</b>	<b>15.000000</b>
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>CERES - Route B</b>	LOOP	8	21	19	48
	Goal for Completed Surveys	1	1	1	3
	ACTUAL COMPLETED SURVEYS	1	1	1	3
	<b>WEIGHT FACTOR</b>	<b>8.000000</b>	<b>21.000000</b>	<b>19.000000</b>	<b>16.000000</b>
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>CERES - Route D</b>	LOOP	4	0	6	10
	Goal for Completed Surveys	0	0	0	1
	ACTUAL COMPLETED SURVEYS	1	0	1	2
	<b>WEIGHT FACTOR</b>	<b>4.000000</b>	<b>N/A</b>	<b>6.000000</b>	<b>5.000000</b>
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>TURLOCK - Route A</b>	LOOP	47	53	69	169
	Goal for Completed Surveys	2	3	4	10
	ACTUAL COMPLETED SURVEYS	2	3	4	9
	<b>WEIGHT FACTOR</b>	<b>23.500000</b>	<b>17.666667</b>	<b>17.250000</b>	<b>18.777778</b>
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>TURLOCK - Route B</b>	LOOP	18	72	54	144
	Goal for Completed Surveys	1	5	4	9
	ACTUAL COMPLETED SURVEYS	2	9	4	15
	<b>WEIGHT FACTOR</b>	<b>9.000000</b>	<b>8.000000</b>	<b>13.500000</b>	<b>9.600000</b>
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>TURLOCK - Route C</b>	LOOP	34	65	54	153
	Goal for Completed Surveys	2	4	4	10
	ACTUAL COMPLETED SURVEYS	2	4	4	10
	<b>WEIGHT FACTOR</b>	<b>17.000000</b>	<b>16.250000</b>	<b>13.500000</b>	<b>15.300000</b>
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>TURLOCK - Route D</b>	LOOP	72	93	89	254
	Goal for Completed Surveys	4	5	4	13
	ACTUAL COMPLETED SURVEYS	4	4	3	11
	<b>WEIGHT FACTOR</b>	<b>18.000000</b>	<b>23.250000</b>	<b>29.666667</b>	<b>23.090909</b>

<b>StanCOG Regional On-Board Survey Sampling Plan and Weighting Factors</b>					
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-21</b>	Inbound	65	105	82	252
	Outbound	117	264	262	643
	Goal for Completed INBOUND Surveys	3	5	4	13
	Goal for Completed OUTBOUND Surveys	6	13	13	32
	ACTUAL COMPLETED INBOUND SURVEYS	4	5	3	12
	ACTUAL COMPLETED OUTBOUND SURVEYS	9	13	9	31
	<b>INBOUND WEIGHT FACTOR</b>	<b>16.250000</b>	<b>21.000000</b>	<b>27.333333</b>	<b>21.000000</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>13.000000</b>	<b>20.307692</b>	<b>29.111111</b>	<b>20.741935</b>	
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-42</b>	Inbound	77	168	141	386
	Outbound	68	198	172	438
	Goal for Completed INBOUND Surveys	4	8	7	19
	Goal for Completed OUTBOUND Surveys	3	10	9	22
	ACTUAL COMPLETED INBOUND SURVEYS	5	8	6	19
	ACTUAL COMPLETED OUTBOUND SURVEYS	3	7	6	16
	<b>INBOUND WEIGHT FACTOR</b>	<b>15.400000</b>	<b>21.000000</b>	<b>23.500000</b>	<b>20.315789</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>22.666667</b>	<b>28.285714</b>	<b>28.666667</b>	<b>27.375000</b>	
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-22</b>	Inbound	125	314	242	681
	Outbound	138	360	271	769
	Goal for Completed INBOUND Surveys	6	16	12	34
	Goal for Completed OUTBOUND Surveys	7	18	14	38
	ACTUAL COMPLETED INBOUND SURVEYS	7	17	12	36
	ACTUAL COMPLETED OUTBOUND SURVEYS	13	26	14	53
	<b>INBOUND WEIGHT FACTOR</b>	<b>17.857143</b>	<b>18.470588</b>	<b>20.166667</b>	<b>18.916667</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>10.615385</b>	<b>13.846154</b>	<b>19.357143</b>	<b>14.509434</b>	
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-28</b>	Inbound	13	45	51	109
	Outbound	26	51	43	120
	Goal for Completed INBOUND Surveys	1	2	3	5
	Goal for Completed OUTBOUND Surveys	1	3	2	6
	ACTUAL COMPLETED INBOUND SURVEYS	6	3	2	11
	ACTUAL COMPLETED OUTBOUND SURVEYS	3	5	2	10
	<b>INBOUND WEIGHT FACTOR</b>	<b>2.166667</b>	<b>15.000000</b>	<b>25.500000</b>	<b>9.909091</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>8.666667</b>	<b>10.200000</b>	<b>21.500000</b>	<b>12.000000</b>	
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-25</b>	Inbound	151	269	276	696
	Outbound	155	276	280	711
	Goal for Completed INBOUND Surveys	8	13	14	35
	Goal for Completed OUTBOUND Surveys	8	14	14	36
	ACTUAL COMPLETED INBOUND SURVEYS	15	13	14	42
	ACTUAL COMPLETED OUTBOUND SURVEYS	14	12	12	38
	<b>INBOUND WEIGHT FACTOR</b>	<b>10.066667</b>	<b>20.692308</b>	<b>19.714286</b>	<b>16.571429</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>11.071429</b>	<b>23.000000</b>	<b>23.333333</b>	<b>18.710526</b>	
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-30</b>	Inbound	70	167	143	380
	Outbound	67	163	141	371
	Goal for Completed INBOUND Surveys	4	8	7	19
	Goal for Completed OUTBOUND Surveys	3	8	7	19
	ACTUAL COMPLETED INBOUND SURVEYS	5	8	8	21
	ACTUAL COMPLETED OUTBOUND SURVEYS	6	7	5	18
	<b>INBOUND WEIGHT FACTOR</b>	<b>14.000000</b>	<b>20.875000</b>	<b>17.875000</b>	<b>18.095238</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>11.166667</b>	<b>23.285714</b>	<b>28.200000</b>	<b>20.611111</b>	

<b>StanCOG Regional On-Board Survey Sampling Plan and Weighting Factors</b>					
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-29</b>	Inbound	71	123	87	281
	Outbound	74	201	228	503
	Goal for Completed INBOUND Surveys	4	6	4	14
	Goal for Completed OUTBOUND Surveys	4	10	11	25
	ACTUAL COMPLETED INBOUND SURVEYS	5	10	6	21
	ACTUAL COMPLETED OUTBOUND SURVEYS	8	14	11	33
	<b>INBOUND WEIGHT FACTOR</b>	<b>14.200000</b>	<b>12.300000</b>	<b>14.500000</b>	<b>13.380952</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>9.250000</b>	<b>14.357143</b>	<b>20.727273</b>	<b>15.242424</b>
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-33</b>	Inbound	6	77	47	130
	Outbound	73	130	66	269
	Goal for Completed INBOUND Surveys	0	4	2	7
	Goal for Completed OUTBOUND Surveys	4	7	3	13
	ACTUAL COMPLETED INBOUND SURVEYS	1	3	2	6
	ACTUAL COMPLETED OUTBOUND SURVEYS	3	10	4	17
	<b>INBOUND WEIGHT FACTOR</b>	<b>6.000000</b>	<b>25.666667</b>	<b>23.500000</b>	<b>21.666667</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>24.333333</b>	<b>13.000000</b>	<b>16.500000</b>	<b>15.823529</b>
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-36</b>	Inbound	12	74	52	138
	Outbound	7	92	56	155
	Goal for Completed INBOUND Surveys	1	4	3	7
	Goal for Completed OUTBOUND Surveys	0	5	3	8
	ACTUAL COMPLETED INBOUND SURVEYS	6	4	3	13
	ACTUAL COMPLETED OUTBOUND SURVEYS	1	9	3	13
	<b>INBOUND WEIGHT FACTOR</b>	<b>2.000000</b>	<b>18.500000</b>	<b>17.333333</b>	<b>10.615385</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>7.000000</b>	<b>10.222222</b>	<b>18.666667</b>	<b>11.923077</b>
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-37</b>	Inbound	59	79	73	211
	Outbound	43	138	104	285
	Goal for Completed INBOUND Surveys	3	4	4	11
	Goal for Completed OUTBOUND Surveys	2	7	5	14
	ACTUAL COMPLETED INBOUND SURVEYS	5	9	4	18
	ACTUAL COMPLETED OUTBOUND SURVEYS	6	7	5	18
	<b>INBOUND WEIGHT FACTOR</b>	<b>11.800000</b>	<b>8.777778</b>	<b>18.250000</b>	<b>11.722222</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>7.166667</b>	<b>19.714286</b>	<b>20.800000</b>	<b>15.833333</b>
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-24</b>	Inbound	21	38	50	109
	Outbound	44	51	43	138
	Goal for Completed INBOUND Surveys	1	2	3	5
	Goal for Completed OUTBOUND Surveys	2	3	2	7
	ACTUAL COMPLETED INBOUND SURVEYS	1	2	2	5
	ACTUAL COMPLETED OUTBOUND SURVEYS	2	2	2	6
	<b>INBOUND WEIGHT FACTOR</b>	<b>21.000000</b>	<b>19.000000</b>	<b>25.000000</b>	<b>21.800000</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>22.000000</b>	<b>25.500000</b>	<b>21.500000</b>	<b>23.000000</b>
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-34</b>	Inbound	21	80	57	158
	Outbound	38	45	37	120
	Goal for Completed INBOUND Surveys	1	4	3	8
	Goal for Completed OUTBOUND Surveys	2	2	2	6
	ACTUAL COMPLETED INBOUND SURVEYS	1	4	2	7
	ACTUAL COMPLETED OUTBOUND SURVEYS	2	2	2	6
	<b>INBOUND WEIGHT FACTOR</b>	<b>21.000000</b>	<b>20.000000</b>	<b>28.500000</b>	<b>22.571429</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>19.000000</b>	<b>22.500000</b>	<b>18.500000</b>	<b>20.000000</b>
<b>Route</b>	<b>Direction</b>	<b>AM (before 9am)</b>	<b>Midday (9am-2pm)</b>	<b>PM (after 2pm)</b>	<b>TOTAL</b>
<b>MODESTO-38</b>	Inbound	40	73	40	153
	Outbound	49	108	124	281
	Goal for Completed INBOUND Surveys	2	4	2	8
	Goal for Completed OUTBOUND Surveys	2	5	6	14
	ACTUAL COMPLETED INBOUND SURVEYS	3	4	2	9
	ACTUAL COMPLETED OUTBOUND SURVEYS	6	7	6	19
	<b>INBOUND WEIGHT FACTOR</b>	<b>13.333333</b>	<b>18.250000</b>	<b>20.000000</b>	<b>17.000000</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>8.166667</b>	<b>15.428571</b>	<b>20.666667</b>	<b>14.789474</b>

<b>StanCOG Regional On-Board Survey Sampling Plan and Weighting Factors</b>					
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>MODESTO-26</b>	Inbound	20	67	40	127
	Outbound	60	132	112	304
	Goal for Completed INBOUND Surveys	1	3	2	6
	Goal for Completed OUTBOUND Surveys	3	7	6	15
	ACTUAL COMPLETED INBOUND SURVEYS	1	3	2	6
	ACTUAL COMPLETED OUTBOUND SURVEYS	6	6	4	16
	<b>INBOUND WEIGHT FACTOR</b>	<b>20.000000</b>	<b>22.333333</b>	<b>20.000000</b>	<b>21.166667</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>10.000000</b>	<b>22.000000</b>	<b>28.000000</b>	<b>19.000000</b>	
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>MODESTO-27</b>	Inbound	7	26	23	56
	Outbound	21	87	49	157
	Goal for Completed INBOUND Surveys	0	1	1	3
	Goal for Completed OUTBOUND Surveys	1	4	2	8
	ACTUAL COMPLETED INBOUND SURVEYS	3	3	1	7
	ACTUAL COMPLETED OUTBOUND SURVEYS	6	4	2	12
	<b>INBOUND WEIGHT FACTOR</b>	<b>2.333333</b>	<b>8.666667</b>	<b>23.000000</b>	<b>8.000000</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>3.500000</b>	<b>21.750000</b>	<b>24.500000</b>	<b>13.083333</b>	
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>MODESTO-43</b>	Inbound	16	32	18	66
	Outbound	23	64	75	162
	Goal for Completed INBOUND Surveys	1	2	1	3
	Goal for Completed OUTBOUND Surveys	1	3	4	8
	ACTUAL COMPLETED INBOUND SURVEYS	1	2	1	4
	ACTUAL COMPLETED OUTBOUND SURVEYS	1	3	3	7
	<b>INBOUND WEIGHT FACTOR</b>	<b>16.000000</b>	<b>16.000000</b>	<b>18.000000</b>	<b>16.500000</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>23.000000</b>	<b>21.333333</b>	<b>25.000000</b>	<b>23.142857</b>	
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>MODESTO-31</b>	Inbound	78	165	144	387
	Outbound	72	145	126	343
	Goal for Completed INBOUND Surveys	4	8	7	19
	Goal for Completed OUTBOUND Surveys	4	7	6	17
	ACTUAL COMPLETED INBOUND SURVEYS	5	7	5	17
	ACTUAL COMPLETED OUTBOUND SURVEYS	6	10	5	21
	<b>INBOUND WEIGHT FACTOR</b>	<b>15.600000</b>	<b>23.571429</b>	<b>28.800000</b>	<b>22.764706</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>12.000000</b>	<b>14.500000</b>	<b>25.200000</b>	<b>16.333333</b>	
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>MODESTO-32</b>	Inbound	73	195	170	438
	Outbound	93	213	182	488
	Goal for Completed INBOUND Surveys	4	10	9	22
	Goal for Completed OUTBOUND Surveys	5	11	9	24
	ACTUAL COMPLETED INBOUND SURVEYS	7	9	8	24
	ACTUAL COMPLETED OUTBOUND SURVEYS	9	10	7	26
	<b>INBOUND WEIGHT FACTOR</b>	<b>10.428571</b>	<b>21.666667</b>	<b>21.250000</b>	<b>18.250000</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>10.333333</b>	<b>21.300000</b>	<b>26.000000</b>	<b>18.769231</b>	
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>MODESTO-41</b>	Inbound	0	51	69	120
	Outbound	5	70	45	120
	Goal for Completed INBOUND Surveys	0	3	3	6
	Goal for Completed OUTBOUND Surveys	0	4	2	6
	ACTUAL COMPLETED INBOUND SURVEYS	0	2	3	5
	ACTUAL COMPLETED OUTBOUND SURVEYS	1	10	3	14
	<b>INBOUND WEIGHT FACTOR</b>	<b>N/A</b>	<b>25.500000</b>	<b>23.000000</b>	<b>24.000000</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>5.000000</b>	<b>7.000000</b>	<b>15.000000</b>	<b>8.571429</b>	
Route	Direction	AM (before 9am)	Midday (9am-2pm)	PM (after 2pm)	TOTAL
<b>MODESTO-39</b>	Inbound	17	4	14	35
	Outbound	10	10	19	39
	Goal for Completed INBOUND Surveys	1	0	1	2
	Goal for Completed OUTBOUND Surveys	1	1	1	2
	ACTUAL COMPLETED INBOUND SURVEYS	2	1	1	4
	ACTUAL COMPLETED OUTBOUND SURVEYS	1	1	1	3
	<b>INBOUND WEIGHT FACTOR</b>	<b>8.500000</b>	<b>4.000000</b>	<b>14.000000</b>	<b>8.750000</b>
<b>OUTBOUND WEIGHT FACTOR</b>	<b>10.000000</b>	<b>10.000000</b>	<b>19.000000</b>	<b>13.000000</b>	

Expansion factors for express routes were developed for the following four types of trips:

- Inbound Trips during the AM Peak
- Inbound Trips during the PM Peak
- Outbound Trips during the AM Peak
- Outbound Trips during the PM Peak

The weighting factors used for data expansion are shown in the Table below.

<b>StanCOG Regional On-Board Survey Sampling Plan and Weighting Factors</b>				
<b>Route</b>	<b>Direction</b>	<b>AM (morning)</b>	<b>PM (afternoon/evening)</b>	<b>TOTAL</b>
<b>START-10</b>	Inbound boardings	97	51	148
	Outbound boardings	158	206	364
	Goal for Completed INBOUND Surveys	6	3	10
	Goal for Completed OUTBOUND Surveys	10	13	24
	ACTUAL COMPLETED INBOUND SURVEYS	14	8	22
	ACTUAL COMPLETED OUTBOUND SURVEYS	21	10	31
	<b>INBOUND WEIGHT FACTOR</b>	<b>6.928571</b>	<b>6.375000</b>	<b>6.727273</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>7.523810</b>	<b>20.600000</b>	<b>11.74194</b>
<b>Route</b>	<b>Direction</b>	<b>AM (morning)</b>	<b>PM (afternoon/evening)</b>	<b>TOTAL</b>
<b>START-15</b>	Inbound	56	42	98
	Outbound	50	64	114
	Goal for Completed INBOUND Surveys	4	3	6
	Goal for Completed OUTBOUND Surveys	3	4	7
	ACTUAL COMPLETED INBOUND SURVEYS	6	4	10
	ACTUAL COMPLETED OUTBOUND SURVEYS	6	3	9
	<b>INBOUND WEIGHT FACTOR</b>	<b>9.333333</b>	<b>10.500000</b>	<b>9.800000</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>8.333333</b>	<b>21.333333</b>	<b>12.666667</b>
<b>Route</b>	<b>Direction</b>	<b>AM (morning)</b>	<b>PM (afternoon/evening)</b>	<b>TOTAL</b>
<b>START-40</b>	Inbound	50	24	74
	Outbound	29	38	67
	Goal for Completed INBOUND Surveys	3	2	5
	Goal for Completed OUTBOUND Surveys	2	2	4
	ACTUAL COMPLETED INBOUND SURVEYS	5	4	9
	ACTUAL COMPLETED OUTBOUND SURVEYS	4	2	6
	<b>INBOUND WEIGHT FACTOR</b>	<b>10.000000</b>	<b>6.000000</b>	<b>8.2222</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>7.250000</b>	<b>19.000000</b>	<b>11</b>
<b>Route</b>	<b>Direction</b>	<b>AM (morning)</b>	<b>PM (afternoon/evening)</b>	<b>TOTAL</b>
<b>START-45</b>	Inbound	7	9	16
	Outbound	34	24	58
	Goal for Completed INBOUND Surveys	1	1	2
	Goal for Completed OUTBOUND Surveys	2	2	4
	ACTUAL COMPLETED INBOUND SURVEYS	2	1	3
	ACTUAL COMPLETED OUTBOUND SURVEYS	4	4	8
	<b>INBOUND WEIGHT FACTOR</b>	<b>3.500000</b>	<b>9.000000</b>	<b>5.333333</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>8.500000</b>	<b>6.000000</b>	<b>7.250000</b>
<b>Route</b>	<b>Direction</b>	<b>AM (morning)</b>	<b>PM (afternoon/evening)</b>	<b>TOTAL</b>
<b>START-60</b>	Inbound	86	56	142
	Outbound	71	110	181
	ACTUAL COMPLETED INBOUND SURVEYS	6	4	9
	ACTUAL COMPLETED OUTBOUND SURVEYS	5	7	12
	ACTUAL INBOUND	11	4	15
	ACTUAL OUTBOUND	4	5	9
	<b>INBOUND WEIGHT FACTOR</b>	<b>7.818182</b>	<b>14.000000</b>	<b>9.466667</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>17.750000</b>	<b>22.000000</b>	<b>20.111111</b>

<b>StanCOG Regional On-Board Survey Sampling Plan and Weighting Factors</b>				
<b>Route</b>	<b>Direction</b>	<b>AM (morning)</b>	<b>PM (afternoon/evening)</b>	<b>TOTAL</b>
<b>START-70</b>	Inbound	7	6	13
	Outbound	7	9	16
	Goal for Completed INBOUND Surveys	1	0	1
	Goal for Completed OUTBOUND Surveys	1	1	2
	ACTUAL COMPLETED INBOUND SURVEYS	2	2	4
	ACTUAL COMPLETED OUTBOUND SURVEYS	5	1	6
	<b>INBOUND WEIGHT FACTOR</b>	<b>3.500000</b>	<b>3.000000</b>	<b>3.250000</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>1.400000</b>	<b>9.000000</b>	<b>2.666667</b>
<b>Route</b>	<b>Direction</b>	<b>AM (morning)</b>	<b>PM (afternoon/evening)</b>	<b>TOTAL</b>
<b>Waterford</b>	Inbound	21	7	28
	Outbound	14	13	27
	Goal for Completed INBOUND Surveys	1	0	2
	Goal for Completed OUTBOUND Surveys	1	1	2
	ACTUAL COMPLETED INBOUND SURVEYS	1	1	2
	ACTUAL COMPLETED OUTBOUND SURVEYS	1	1	2
	<b>INBOUND WEIGHT FACTOR</b>	<b>21.000000</b>	<b>7.000000</b>	<b>14.000000</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>14.000000</b>	<b>13.000000</b>	<b>13.500000</b>
<b>Route</b>	<b>Direction</b>	<b>AM (morning)</b>	<b>PM (afternoon/evening)</b>	<b>TOTAL</b>
<b>Bart 1</b>	Inbound	5	22	27
	Outbound	21	3	24
<b>Bart 2</b>	Inbound	4	16	20
	Outbound	23	6	29
	Goal for Completed INBOUND Surveys	1	2	3
	Goal for Completed OUTBOUND Surveys	3	1	3
	ACTUAL COMPLETED INBOUND SURVEYS	9	11	20
	ACTUAL COMPLETED OUTBOUND SURVEYS	5	2	7
	<b>INBOUND WEIGHT FACTOR</b>	<b>1.000000</b>	<b>3.454545</b>	<b>2.350000</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>8.800000</b>	<b>4.500000</b>	<b>7.571429</b>
<b>Route</b>	<b>Direction</b>	<b>AM (morning)</b>	<b>PM (afternoon/evening)</b>	<b>TOTAL</b>
<b>ACE1</b>	Inbound	0	17	17
	Outbound	18	0	18
<b>ACE2</b>	Inbound	0	20	20
	Outbound	16	0	16
<b>ACE3</b>	Inbound	1	13	14
	Outbound	10	0	10
	Goal for Completed INBOUND Surveys	1	3	4
	Goal for Completed OUTBOUND Surveys	3	0	3
	ACTUAL COMPLETED INBOUND SURVEYS	1	2	3
	ACTUAL COMPLETED OUTBOUND SURVEYS	6	0	6
	<b>INBOUND WEIGHT FACTOR</b>	<b>1.000000</b>	<b>25.000000</b>	<b>17.000000</b>
	<b>OUTBOUND WEIGHT FACTOR</b>	<b>7.333333</b>	<b>NA</b>	<b>7.333333</b>

## CHAPTER 2: ADMINISTRATION OF THE ON-BOARD TRANSIT SURVEY

### Conduct the Pretest

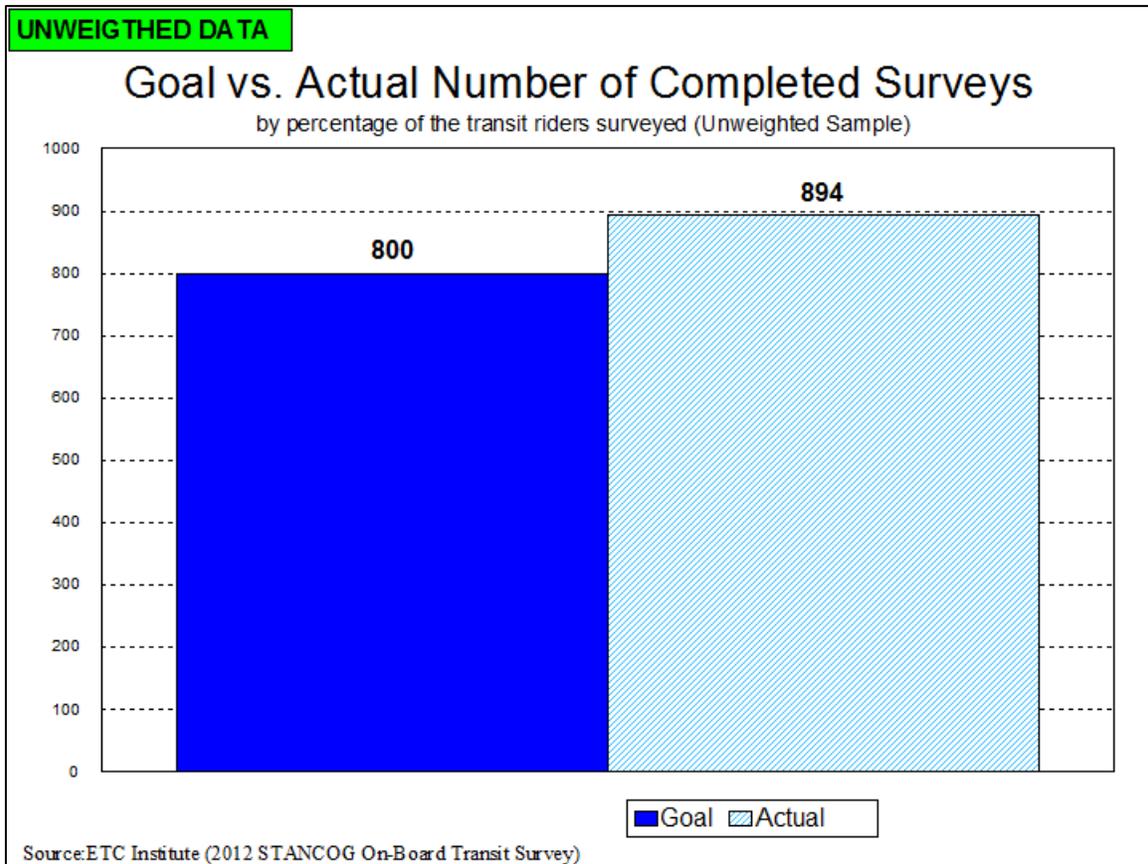
ETC Institute conducted a pre-test with 50 riders on 2 different routes. The pre-test was designed to ensure the survey worked properly and the process covered all aspects of the survey administration procedures including:

- placing surveyors on the transit vehicles at the designated time
- recording the total number of people who boarded the bus
- asking a random sample of riders to complete the survey
- briefly exiting the bus after each route to check in and give completed surveys to ETC Institute's Team Leader

No problems with the survey instrument were found from the pilot test. Based upon these findings, the survey administration procedures and survey instrument were finalized. A copy of the survey instrument is provided in Chapter 4 of this report.

### Administer the On-Board Passenger Survey

ETC Institute fielded a survey administration team on weekdays between November 1, 2012 and Dec 12, 2012. The survey team consisted of ETC Institute employees who had previous experience with the administration of on-board transit surveys and local employees hired and trained by ETC Institute. The OD surveys were administered via ipad and paper surveys in accordance with the procedures that were previously described (Page 4). A total of 894 useable surveys were obtained. The goal and actual number of surveys that were completed are shown in the chart on the following page.



### Alternative Methods of Completing the Survey

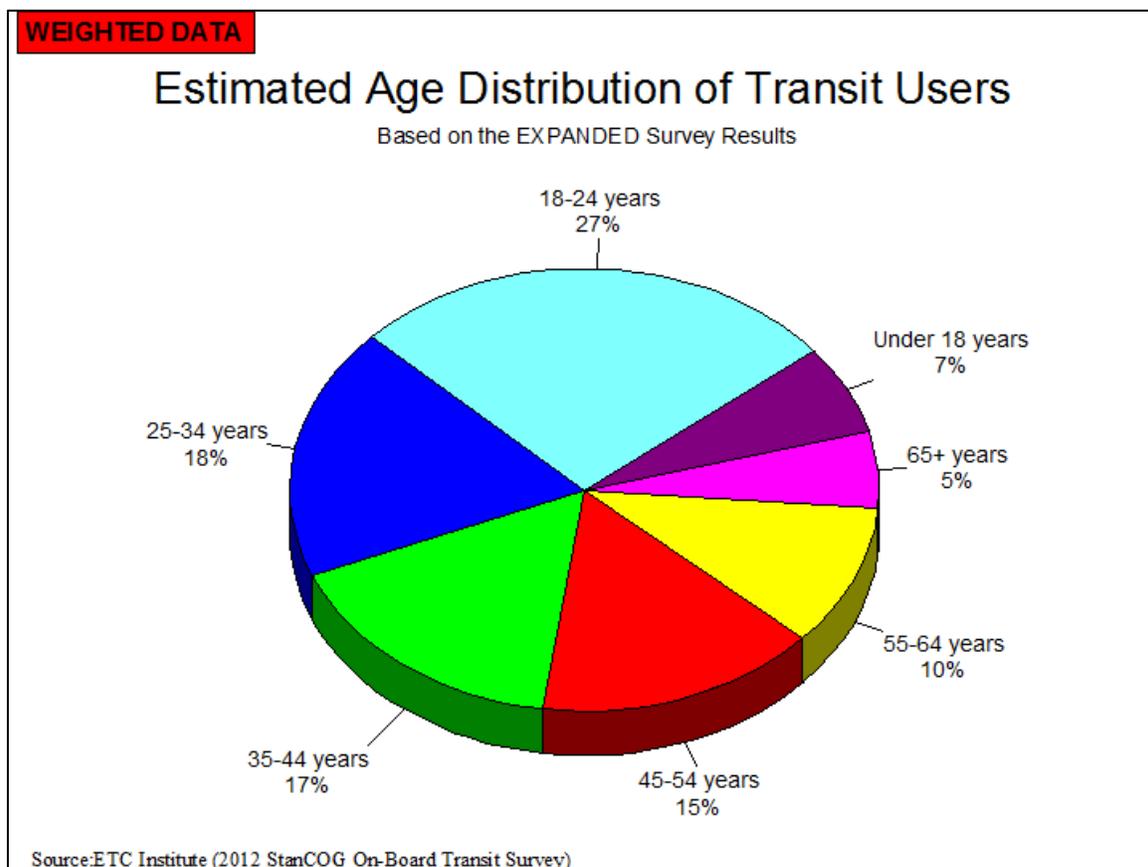
Although most surveys were completed via iPad interview by riders during their trip, riders who did not have time to complete a survey were given a survey and a postage-paid return-reply envelope to return to ETC Institute by mail after it had been completed. Any time an interviewer distributed a mail survey, the serial number of the survey was recorded for quality control purposes.

Riders who did not have time to complete the survey during the trip and indicated that would not complete the survey by mail, were asked to provide their phone number. Those who provided their phone number we contacted by ETC Institute's call center the following day and asked to provide the survey information by phone.

## CHAPTER 3: CHARACTERISTICS OF TRANSIT RIDERS AND SELECT FINDINGS

### Estimated Age of Transit Riders

The chart below shows the estimated age distribution of transit ridership in the region. Based on the expanded survey results, more than half (62%) of the riders were 18-44 years of age. Twenty-five percent (25%) of the riders were age 45-64 years, 5% were age 65 or older, and 7% were under age 18.



### Estimated Percentage of Transit Users with a Valid Driver's License

Based on the expanded survey results, forty percent (40%) of the transit users DID have a valid driver's license; 60% DID NOT have a valid driver's license.

### Employment Status of Transit Users

Based on the expanded survey results, forty-two percent (42%) of the transit users were employed full-time (20%) or part time (22%). Forty-three percent (43%) of transit users were either not employed but seeking work (22%) or not employed and NOT seeking work (21%); 8% of the riders surveyed were retired, 2% homemaker, and 4% "other".

### Estimated Percentage of Students Using Public Transportation

Based on the expanded survey results, seventy-one percent (71%) of the transit riders were NOT students; 29% of the transit riders surveyed were either college/university students (22%) or students through the 12<sup>th</sup> grade (7%).

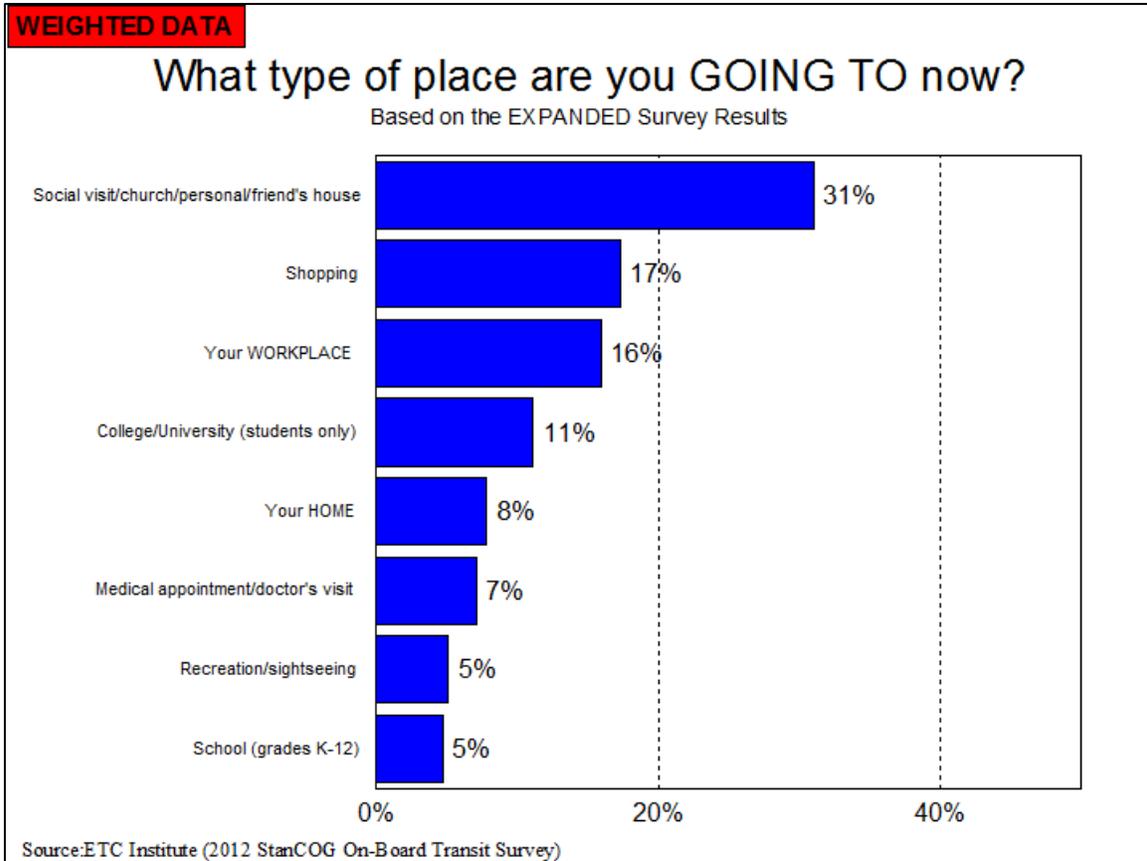
### Estimated Distribution of Vehicle Availability

Based on the expanded survey results, forty-eight percent (48%) of the transit riders did not have a vehicle in the household. Twenty-nine percent (29%) of the riders indicated they had at least one vehicle in the household; 15% had two vehicles in the household, 5% had three vehicles in the household, and 2% had four or more vehicles in the household.

When participants were asked how they would have made their trip if public transit had not been available, thirty-six percent (36%), based on expanded estimates, of riders indicated they could not have made the trip if there were no public transit available. The modes that riders would have used to make the trip were: drive (5%), ride with someone else (27%), walk/bike (27%), or use a taxi (4%).

### Where Transit Riders Were Going

Based on the expanded survey results, eight percent (8%) of the trips completed by transit riders in the region involved a return trip to the rider's home. Sixteen percent (16%) involved a trip to work and 31% involved a social or personal trip. The chart on the following page, which is based on weighed data, shows these estimates and provides a complete listing of destinations for transit riders.



### How Transit Riders Got to Their Destination

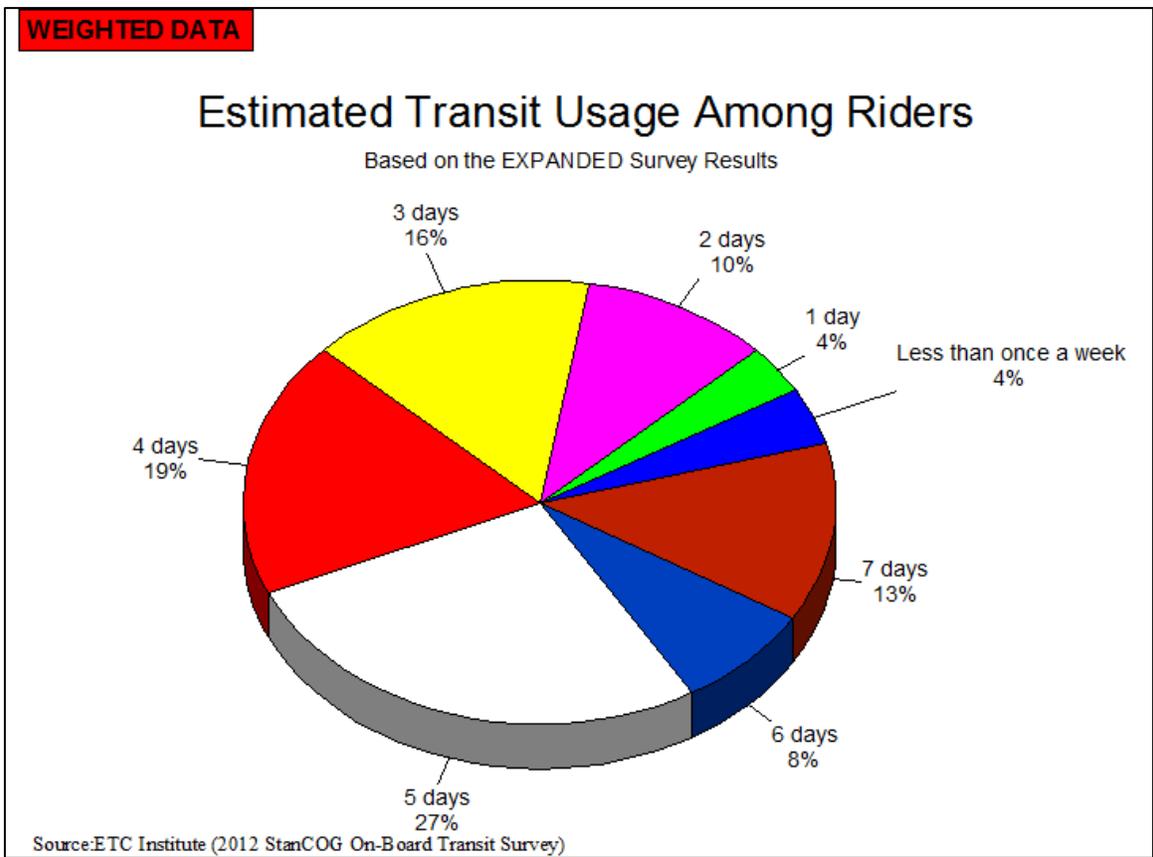
Based on the expanded survey results, ninety-two percent (92%) of the riders indicated they would walk; 3% would bike.

### How Transit Riders Got to the Bus

Based on the expanded survey results, ninety-one percent (91%) of riders indicated that they got to their bus by walking; 1% drove alone, 3% were dropped off by someone going somewhere else, 3% biked and 2% used some other mode.

### Estimated Frequency of Transit Use

Ninety-six percent (96%) of the transit users ride some form of public transit in the Modesto region at least one day per week, 4% use public transit less than one day per week, 13% use it 7 days per week. The chart below shows these results.



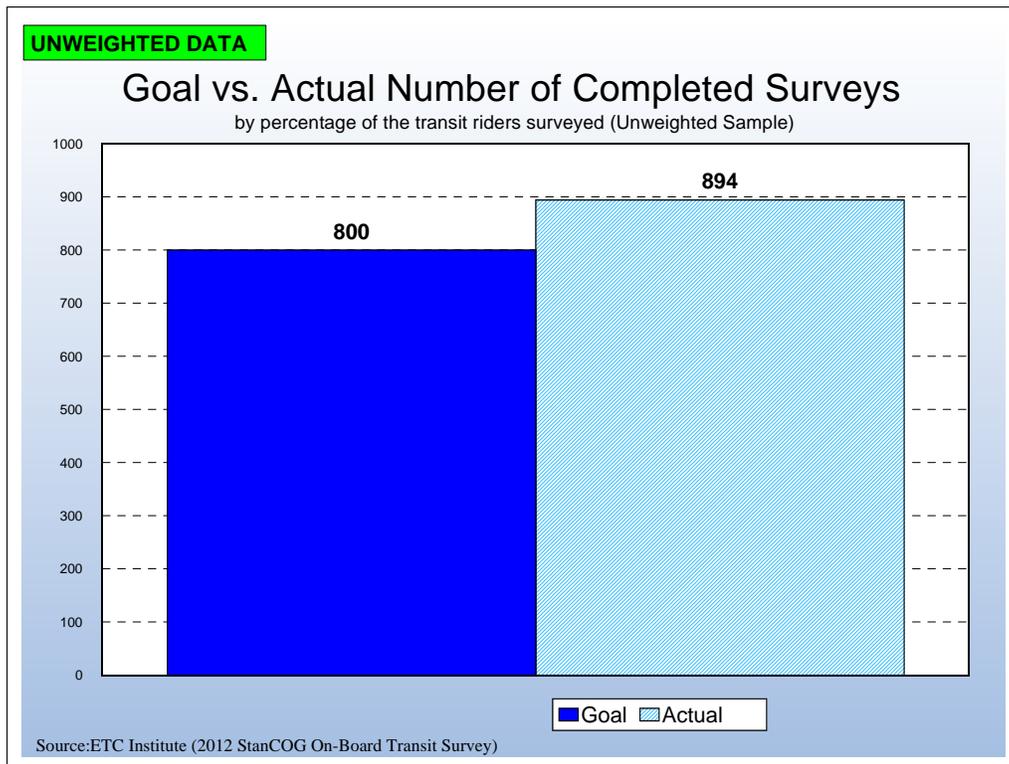
### How Long Riders Had Been Using Transit Services in the Region

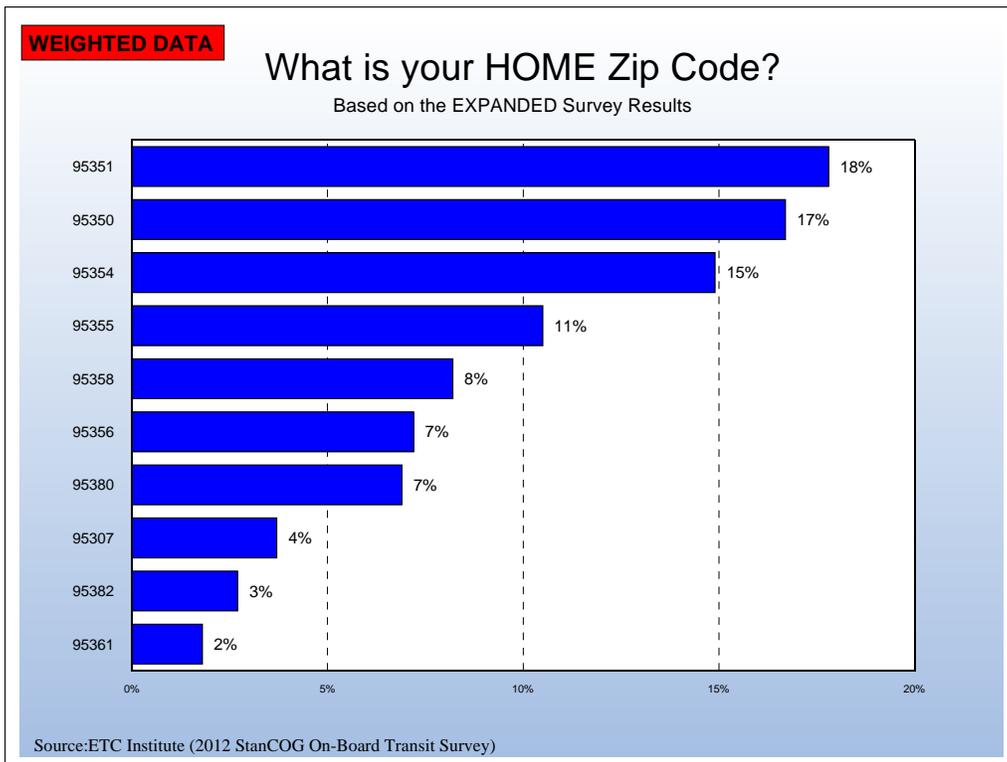
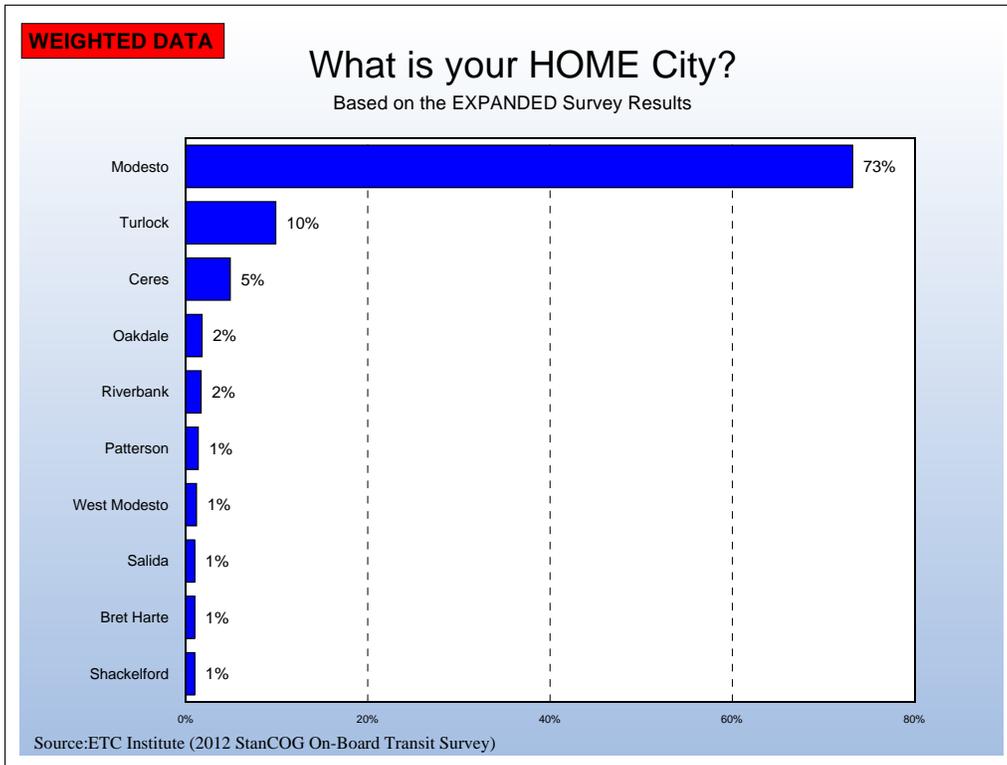
Based on the expanded survey results, twenty-four percent (24%) of the transit riders had been using transit services for less than one year; 20% had been using it one to two years, 26% had been using it two to five years, 30% had been using it more than five years.

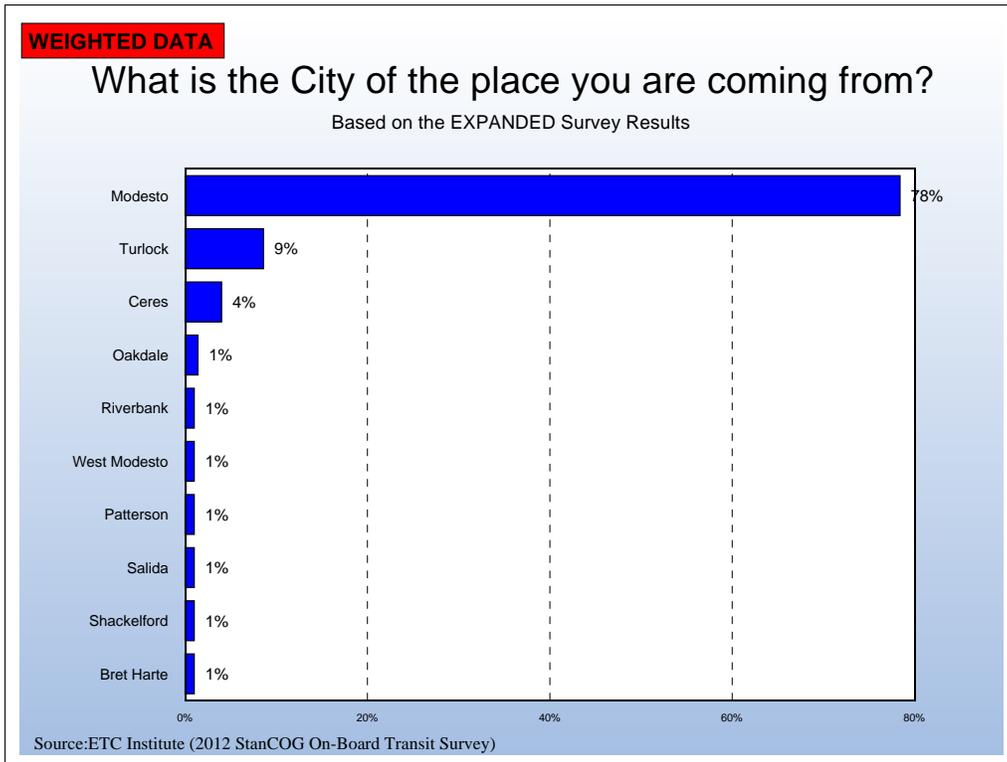
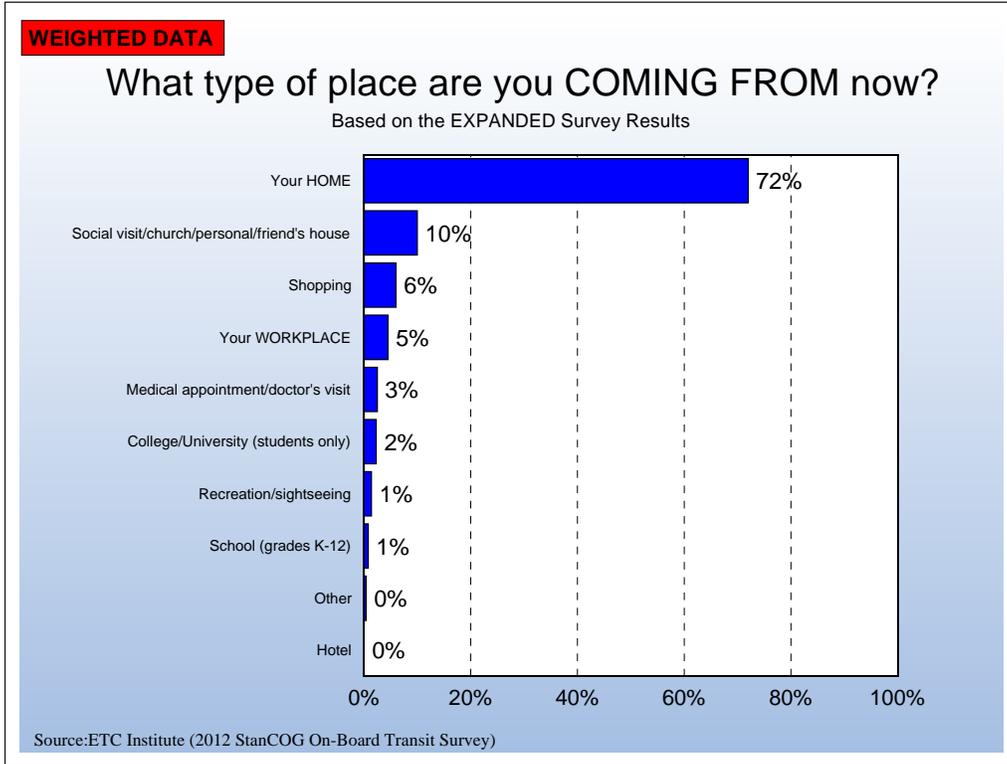
## CHAPTER 4: CHARTS AND GRAPHS

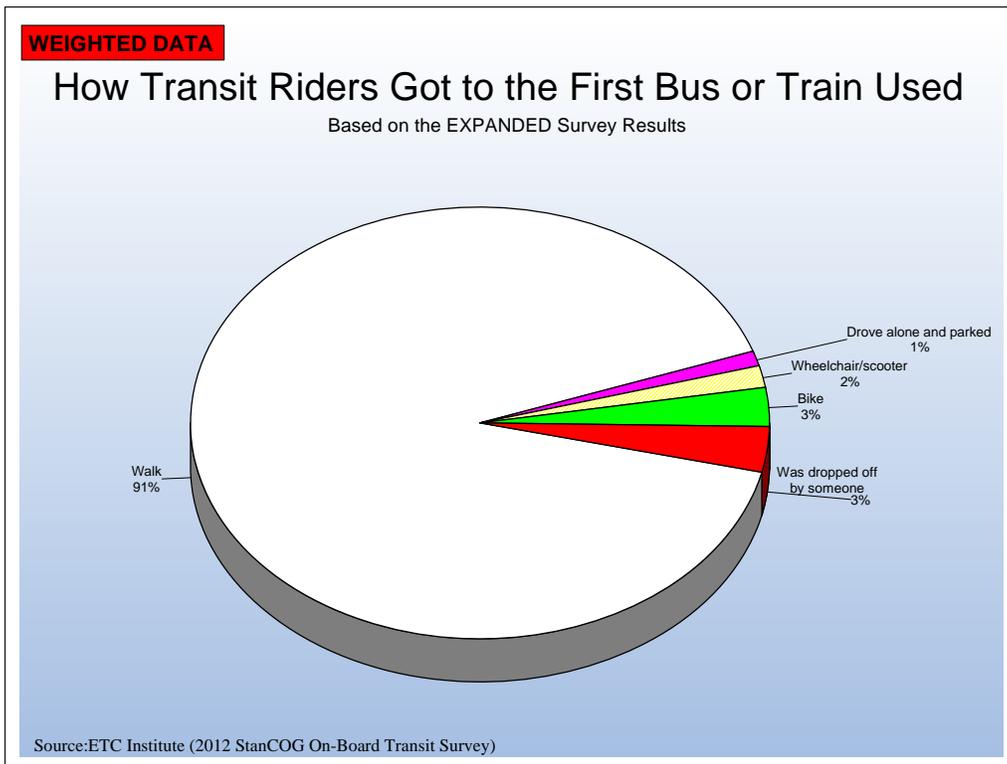
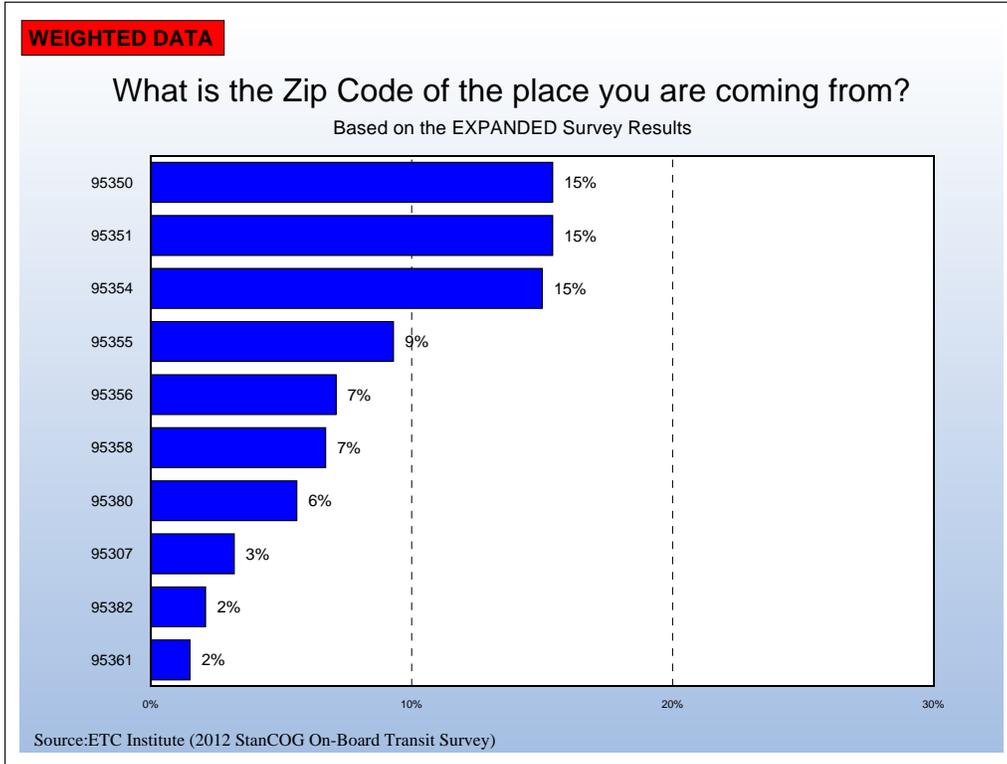
Charts and graphs displaying the results of selected questions on the survey are provided on following pages.

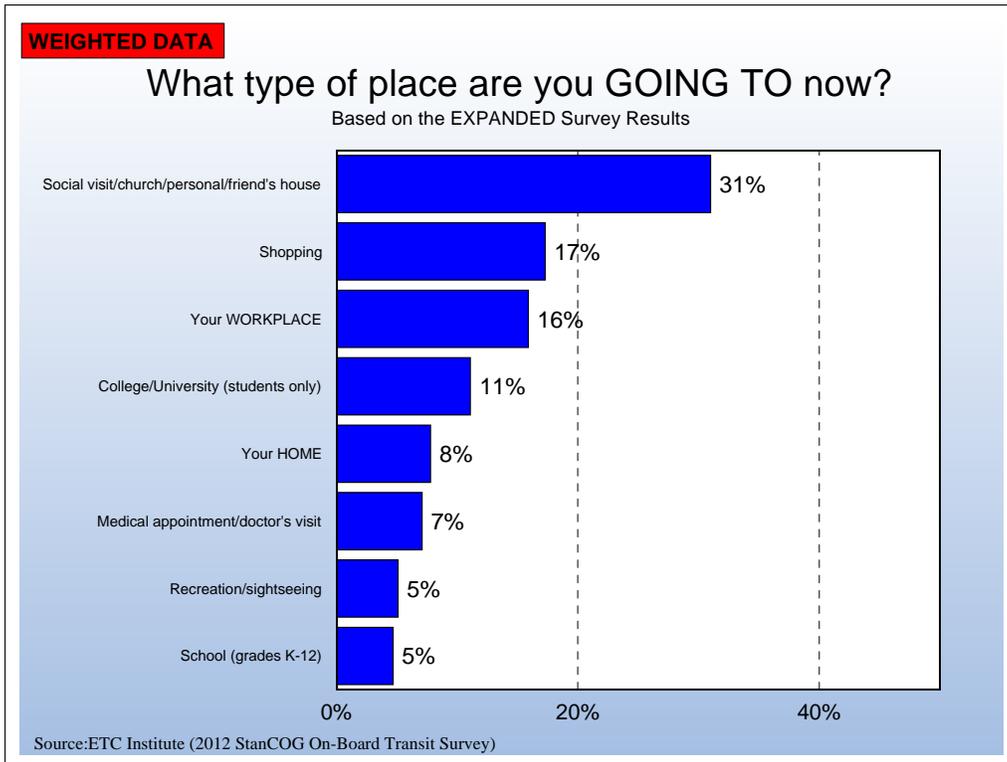
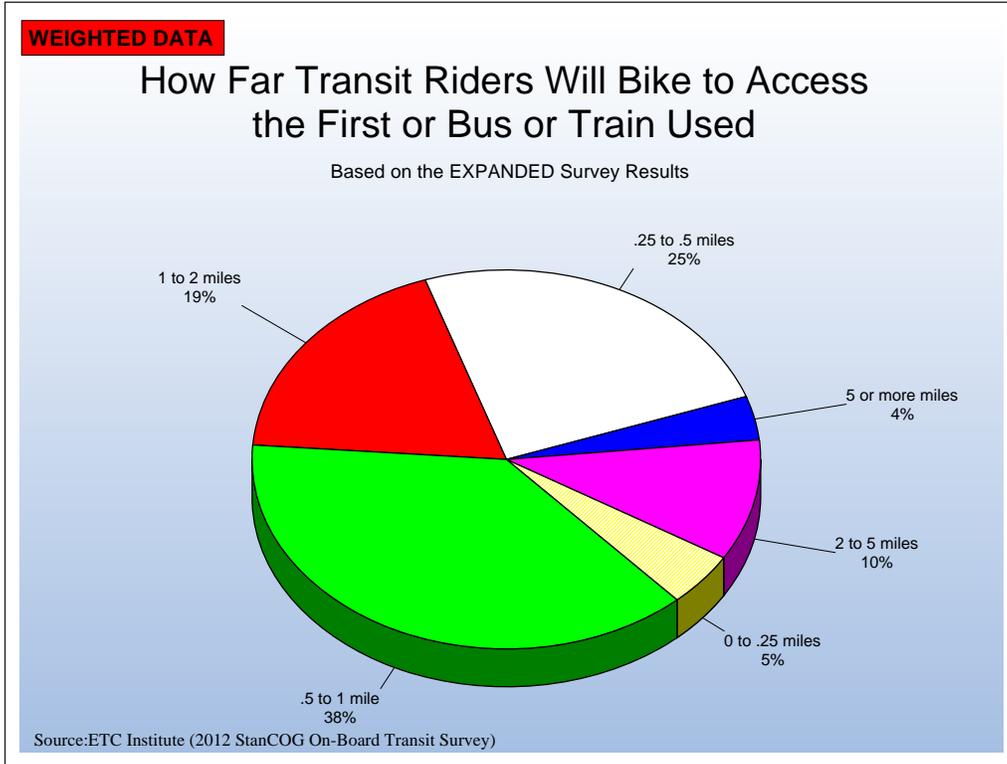
# 2012 STANCOG On-Board Transit Survey

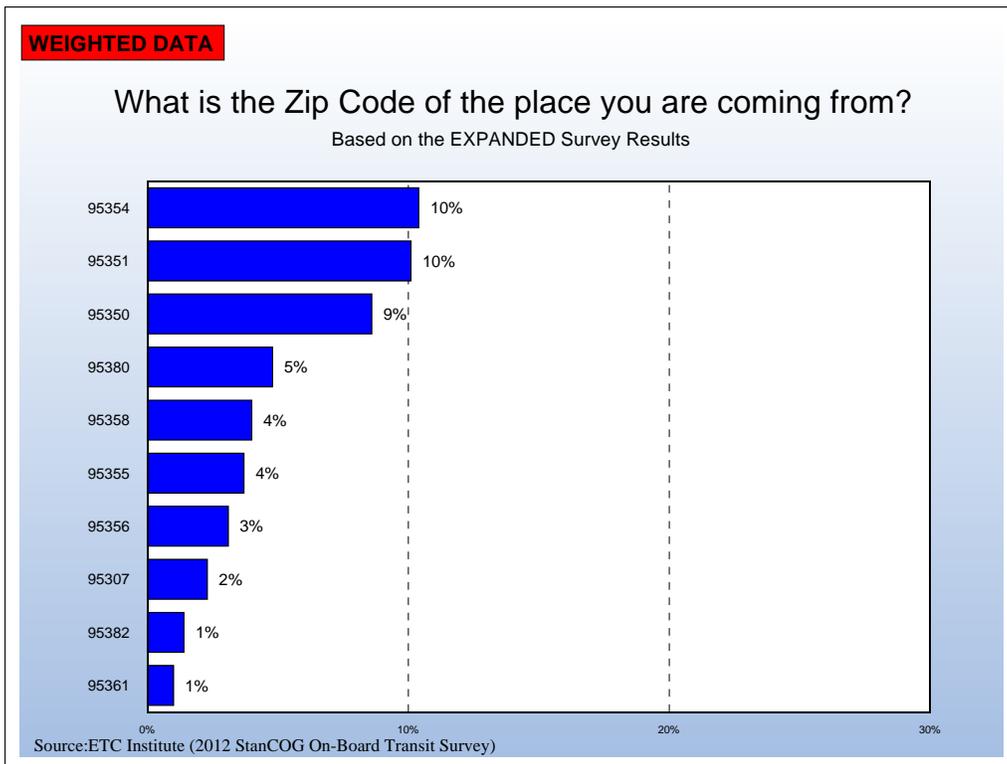
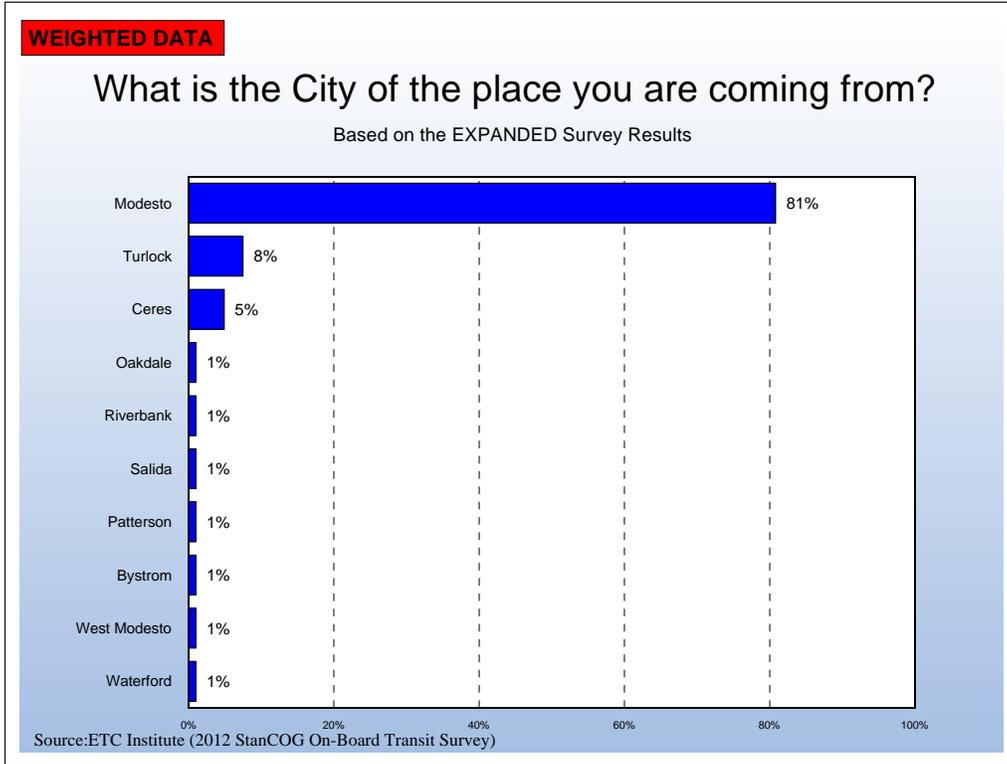


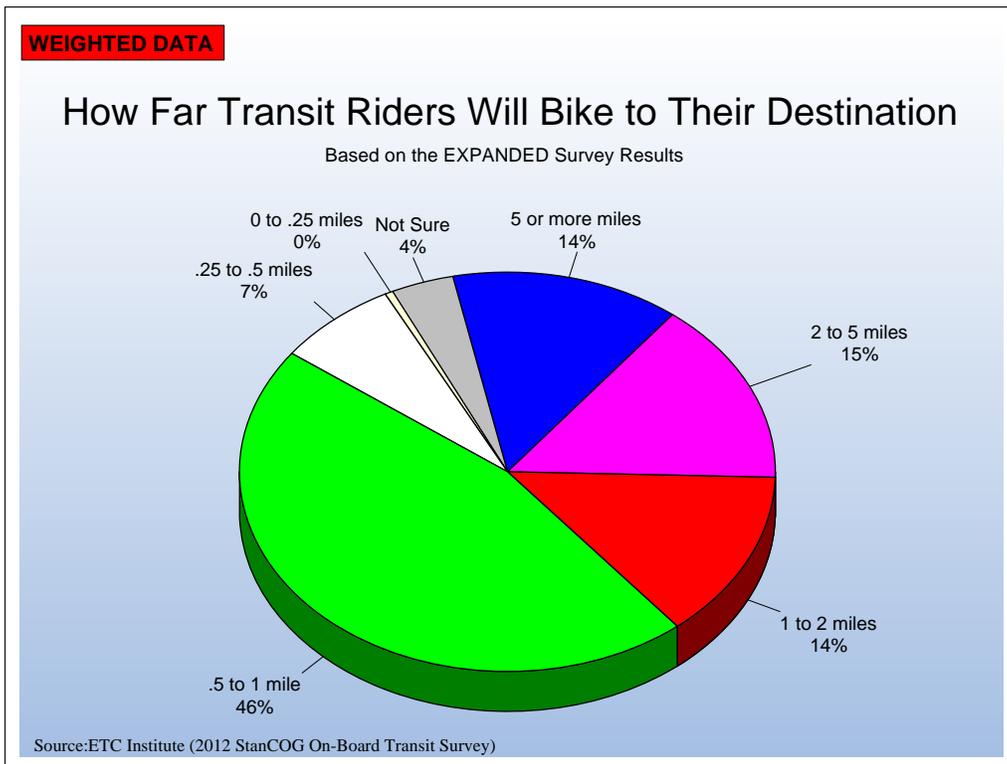
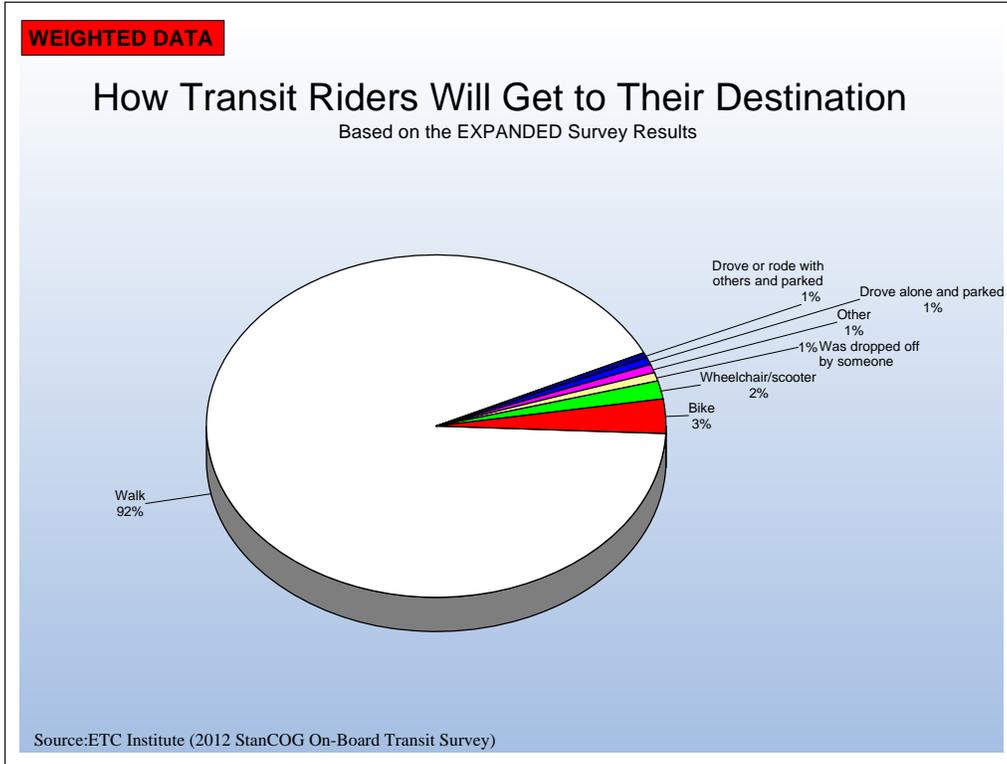


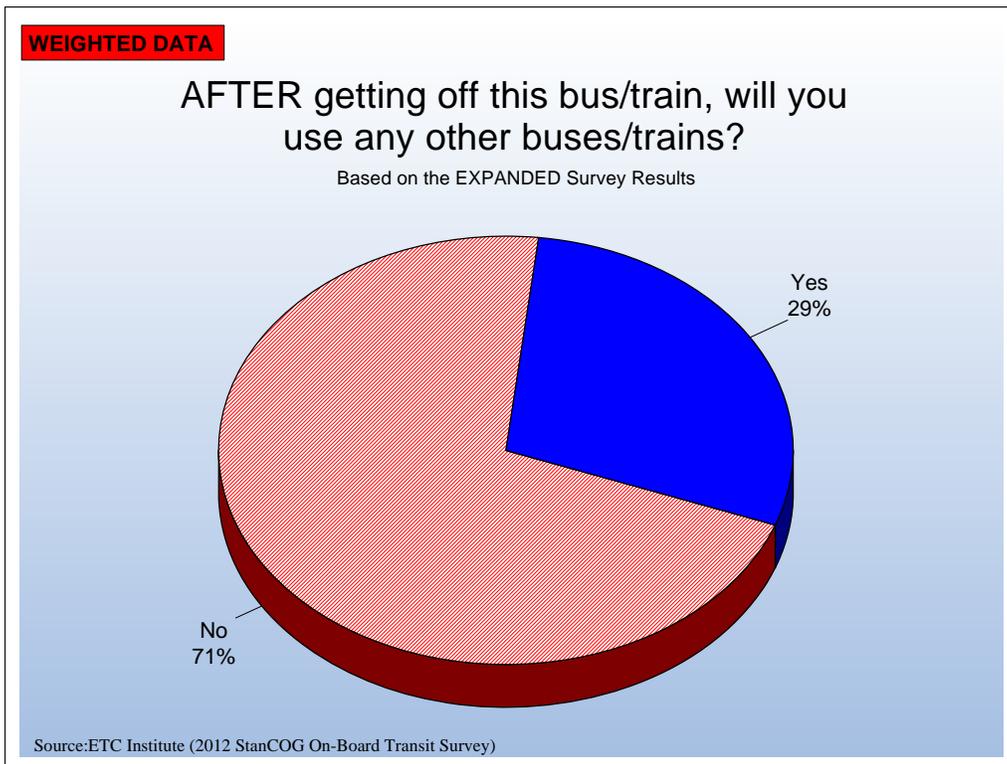
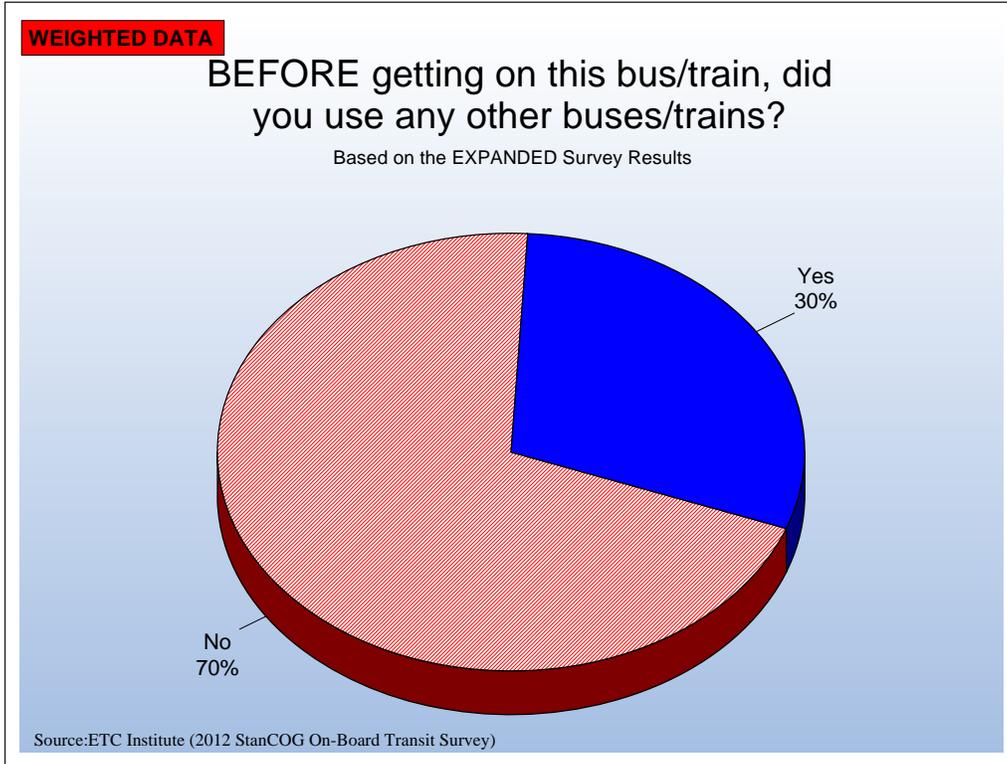


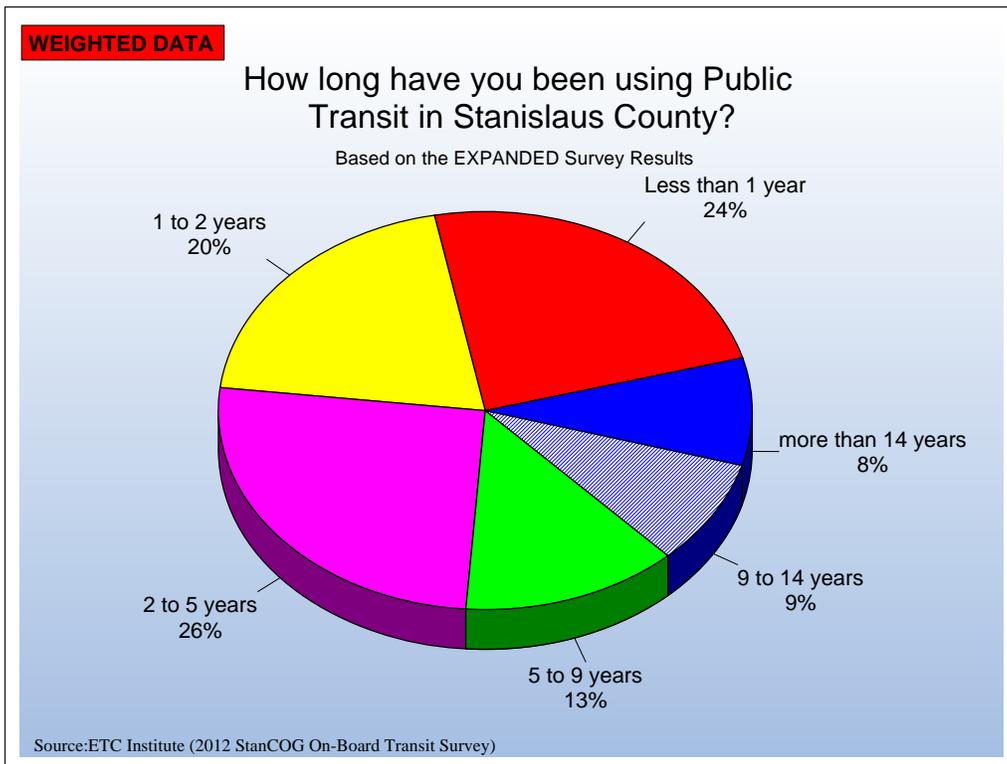
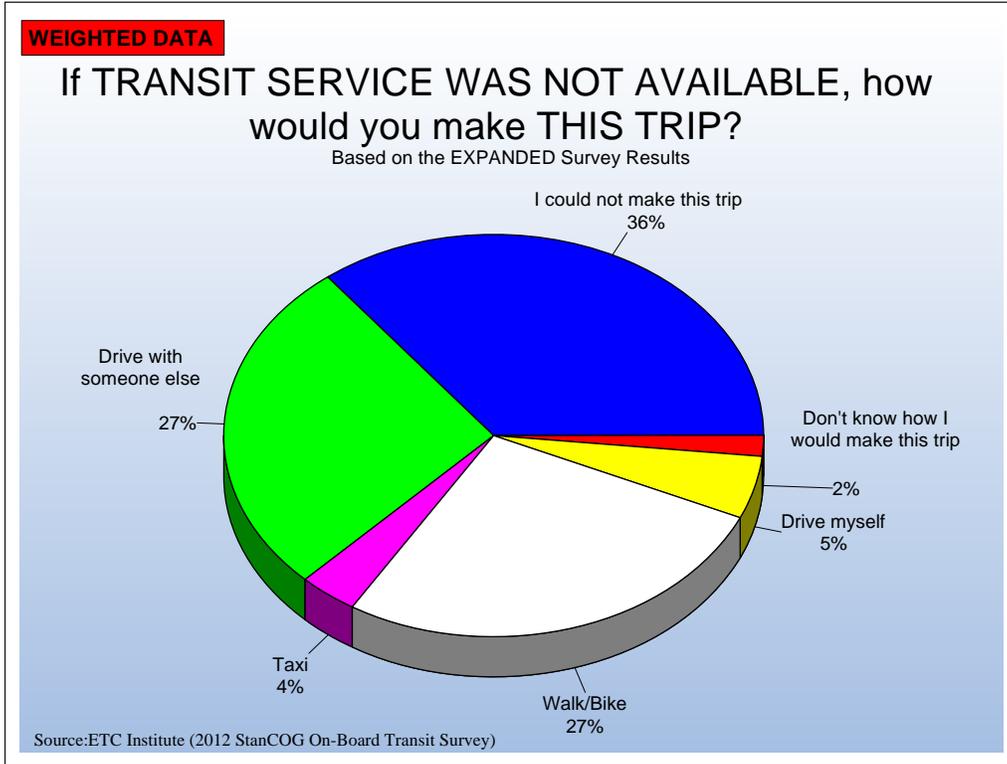


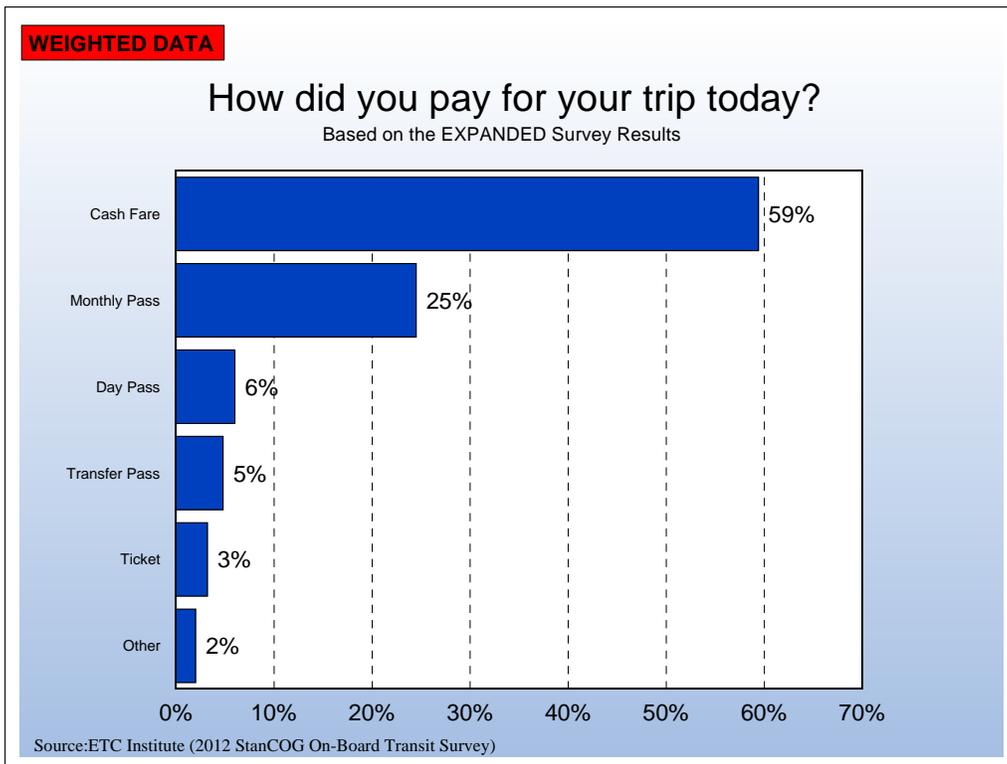
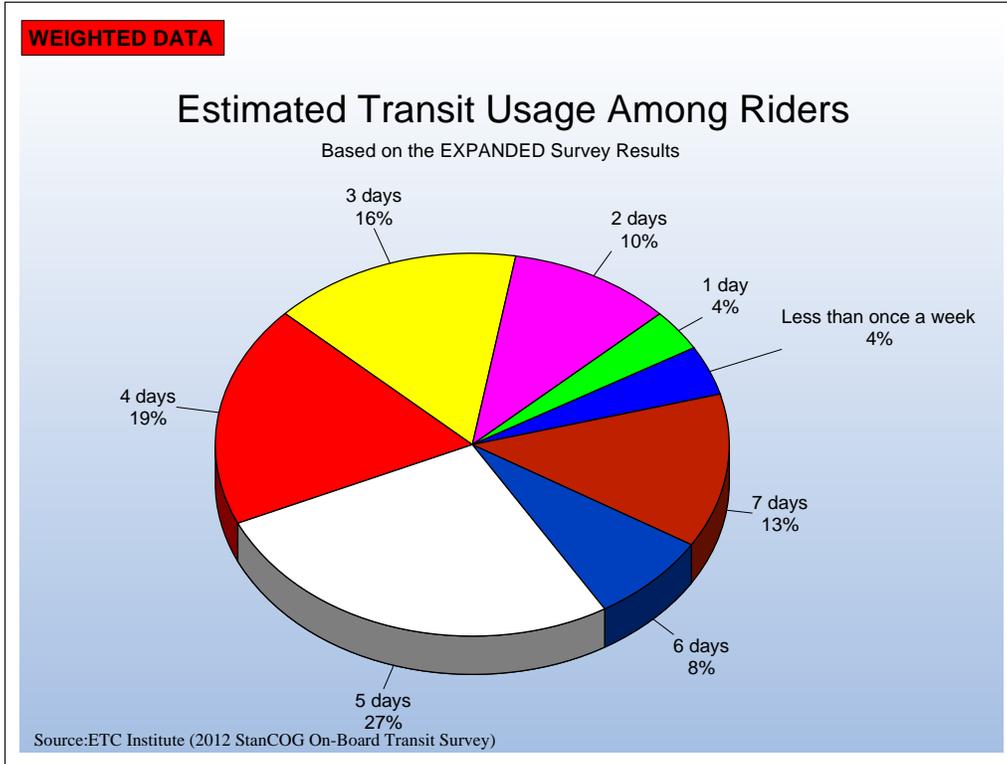


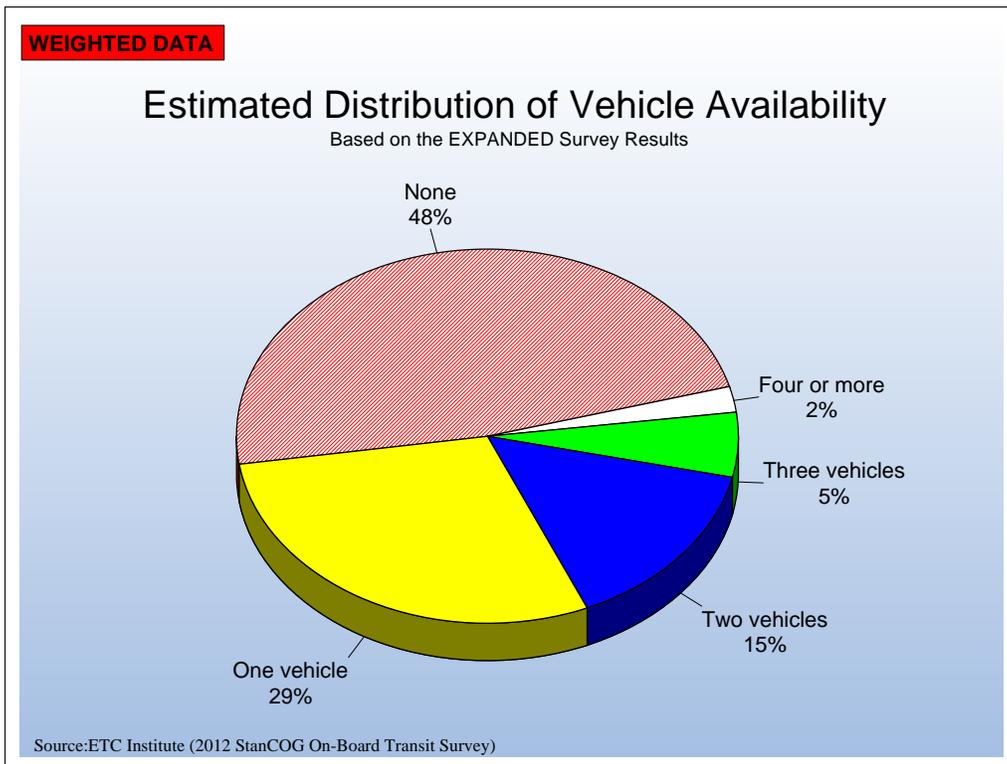


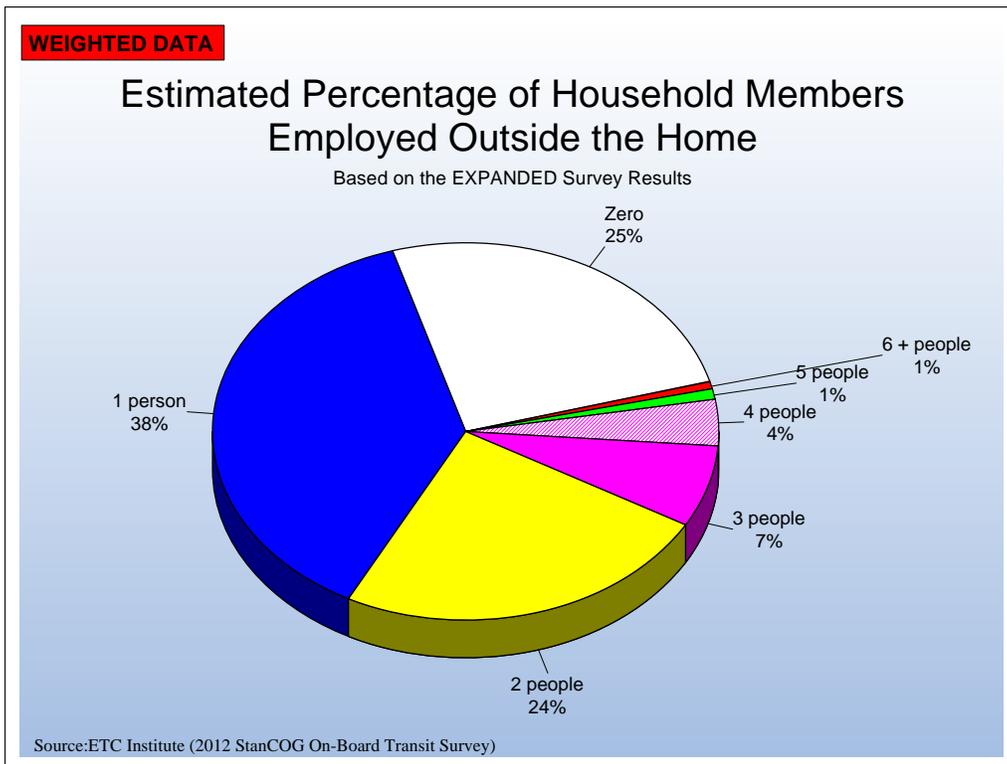
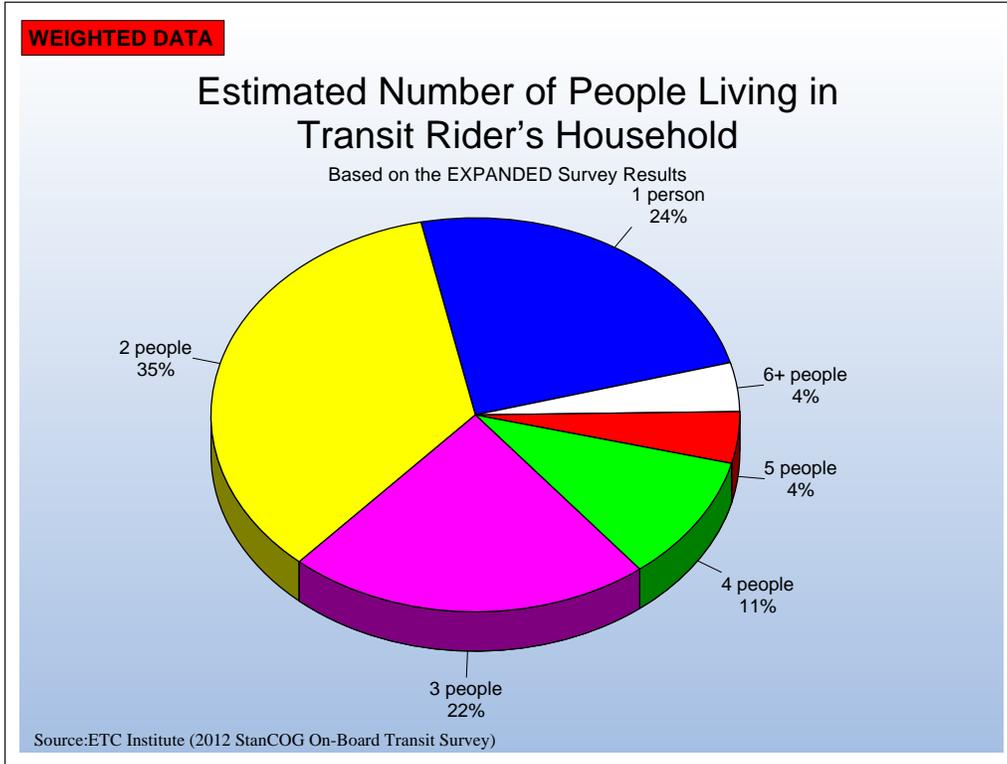


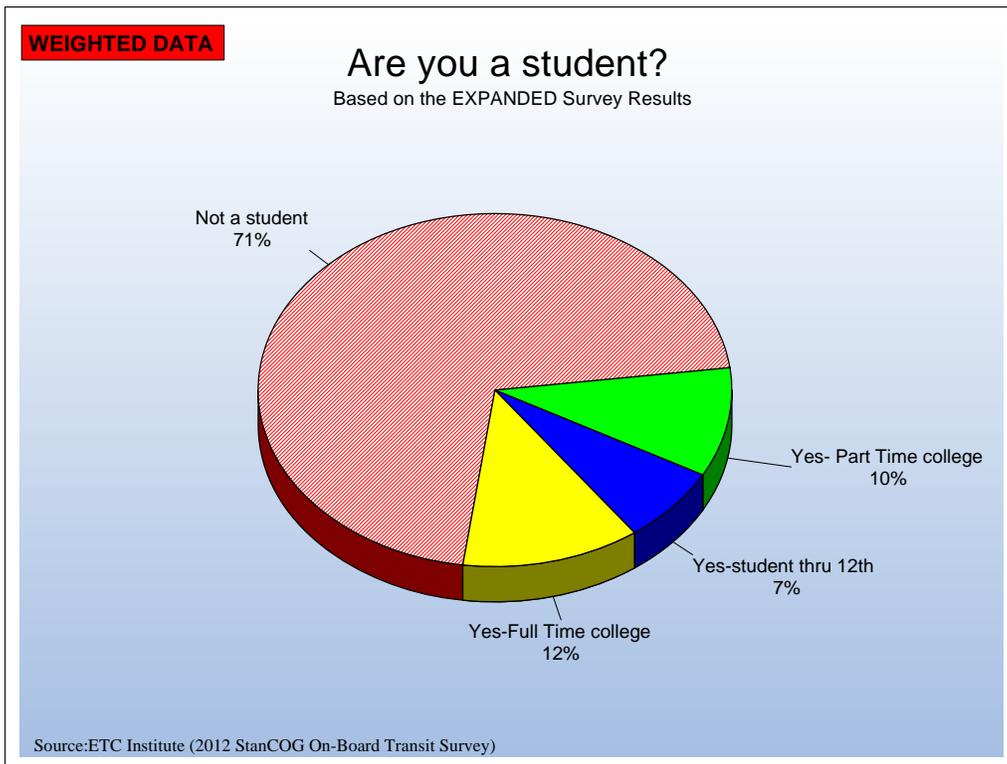
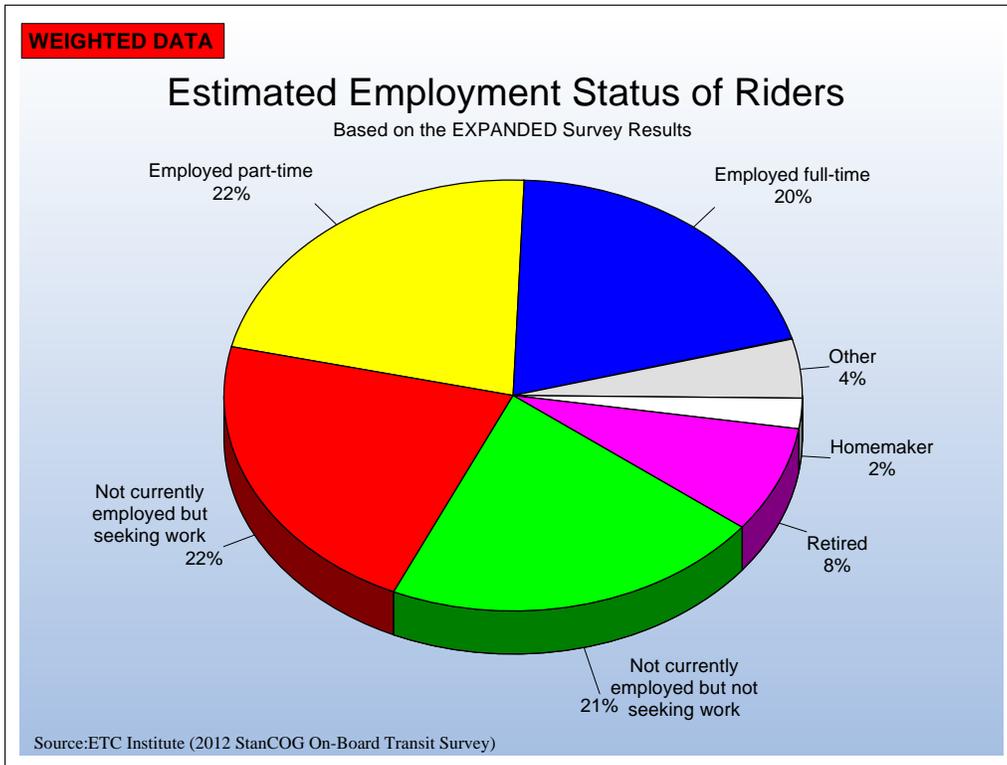


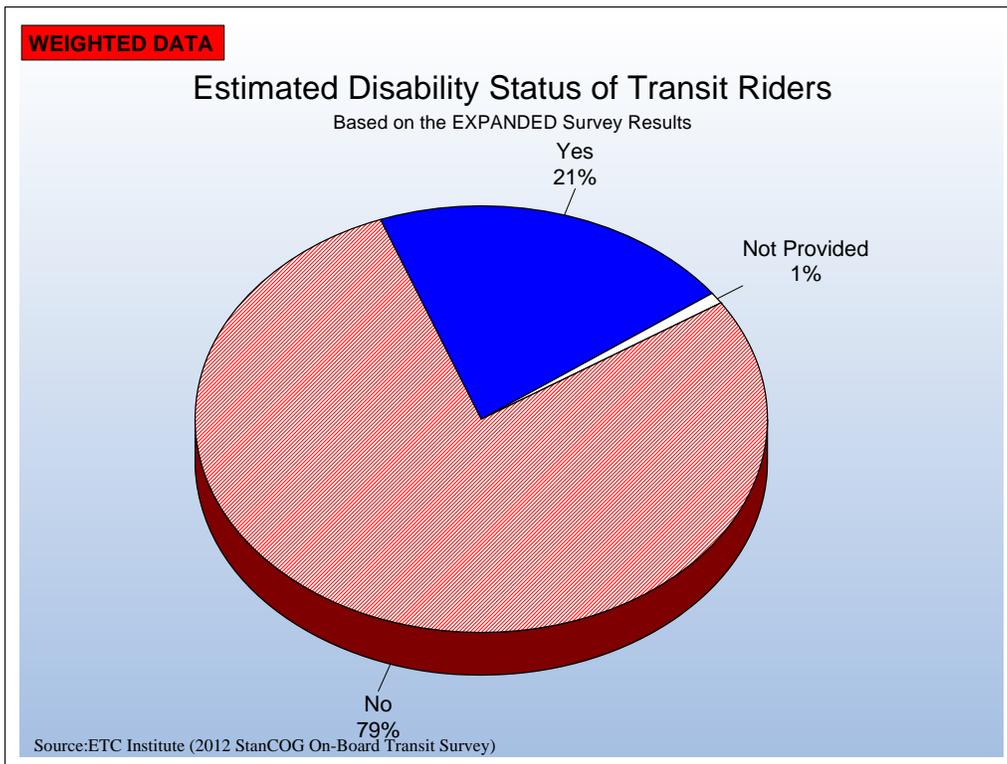
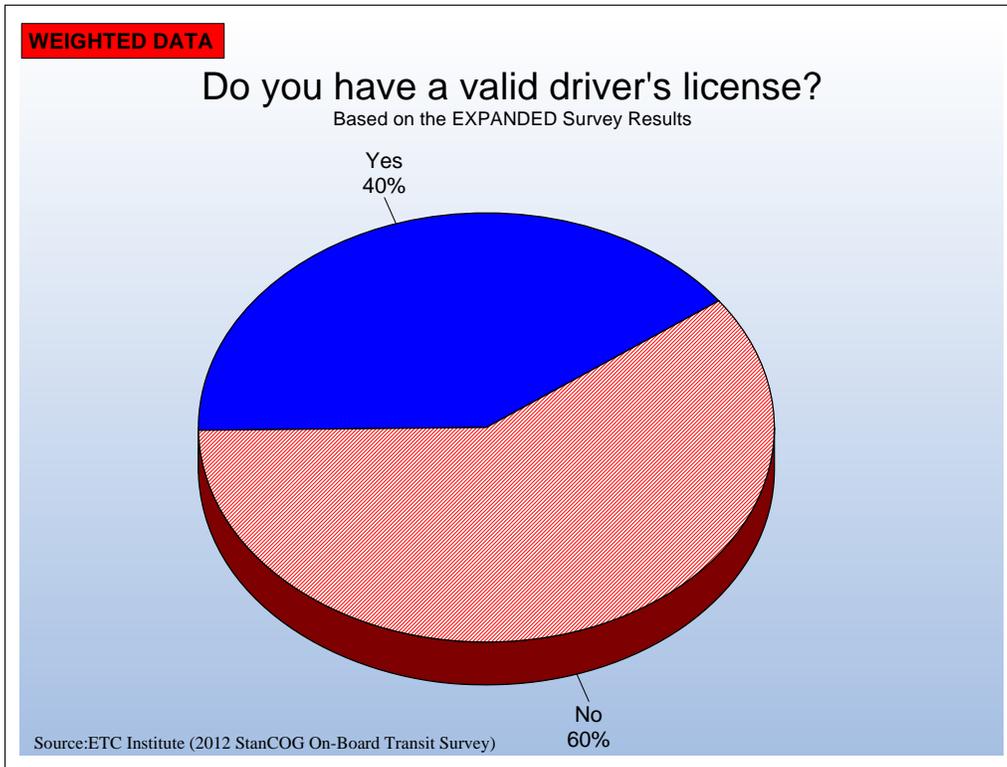


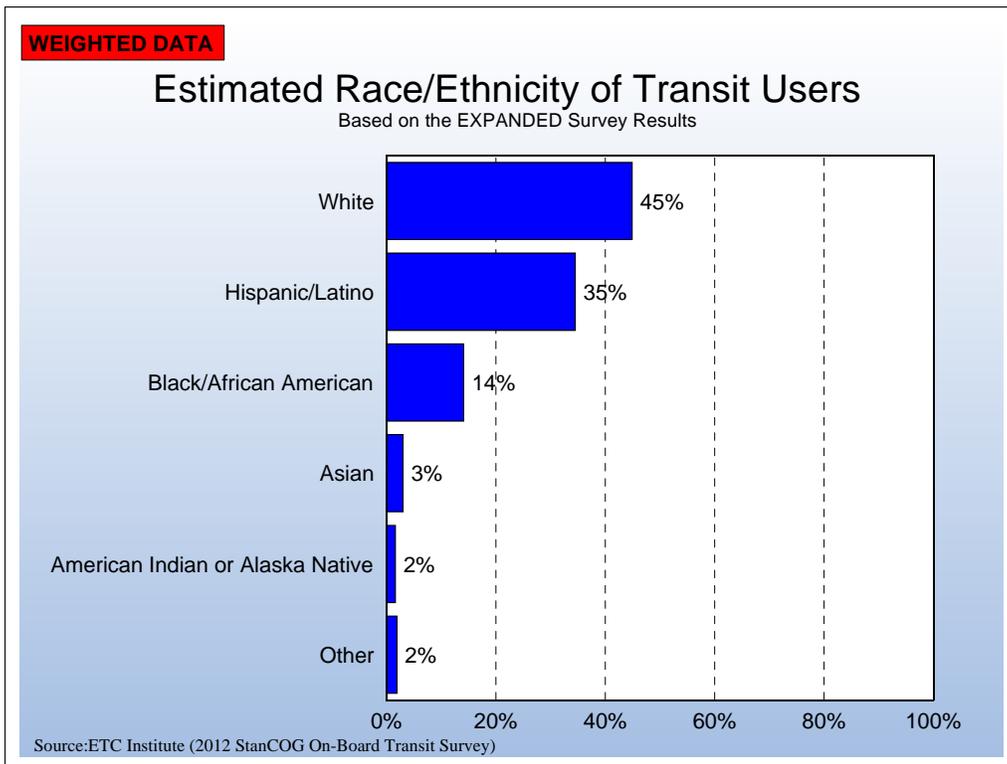
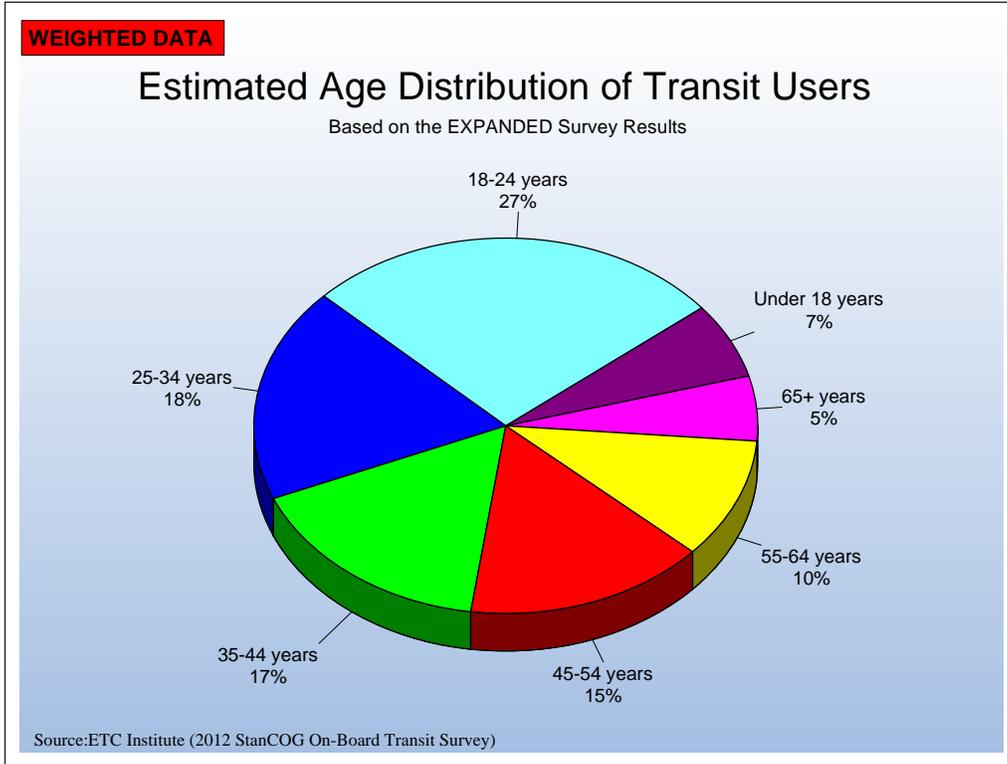


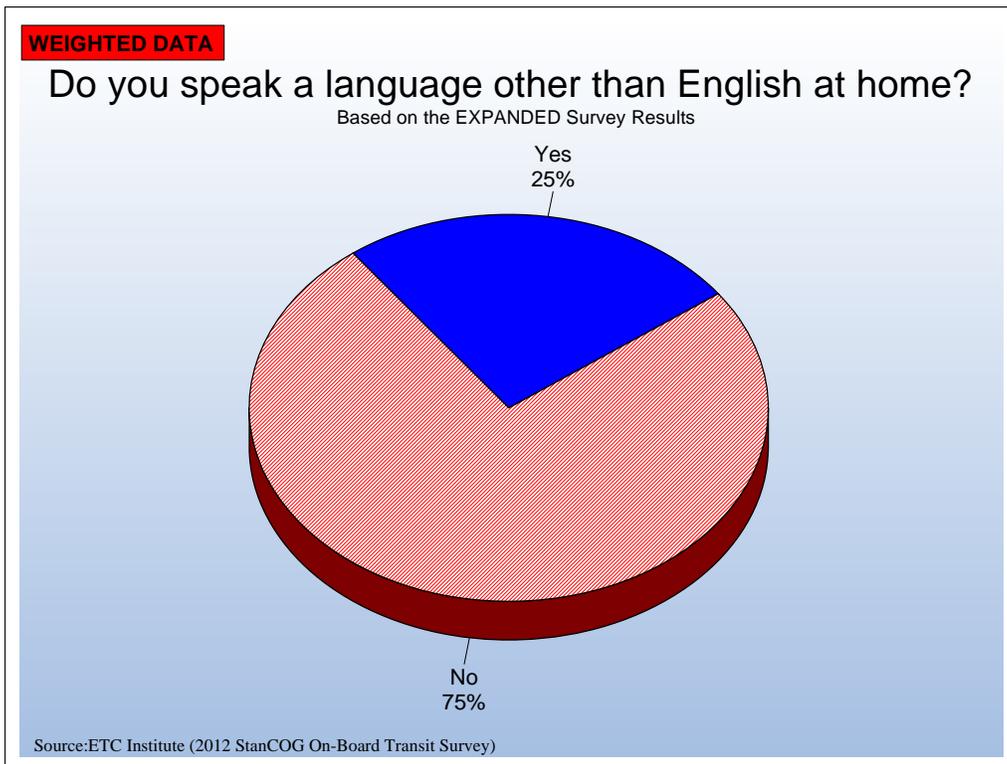
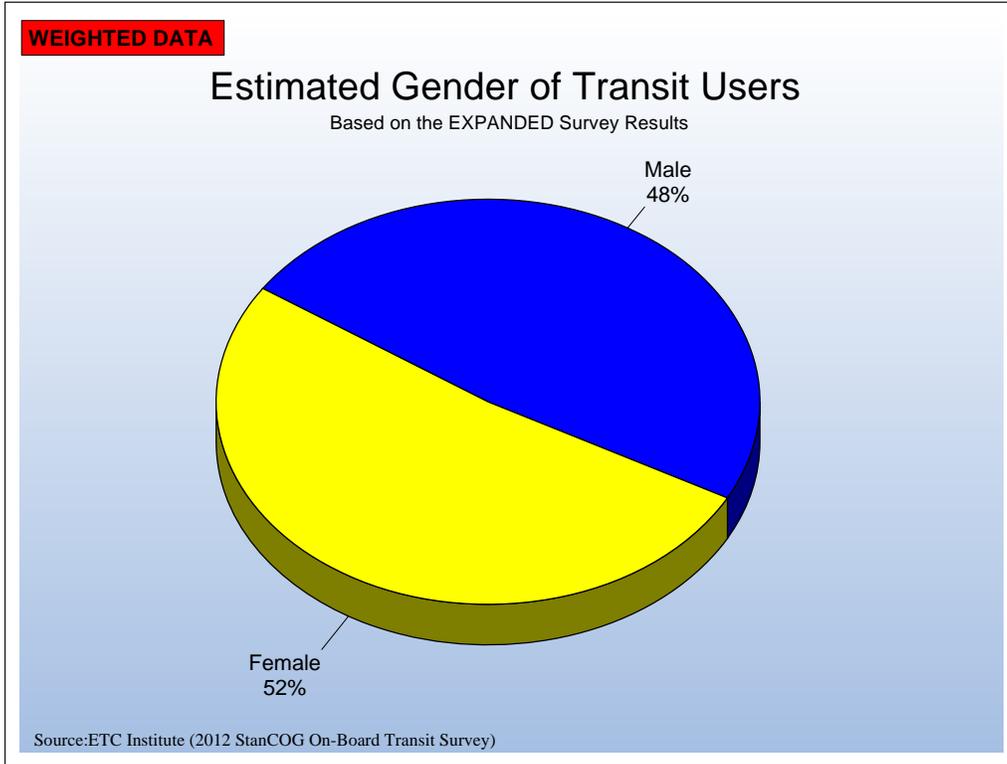


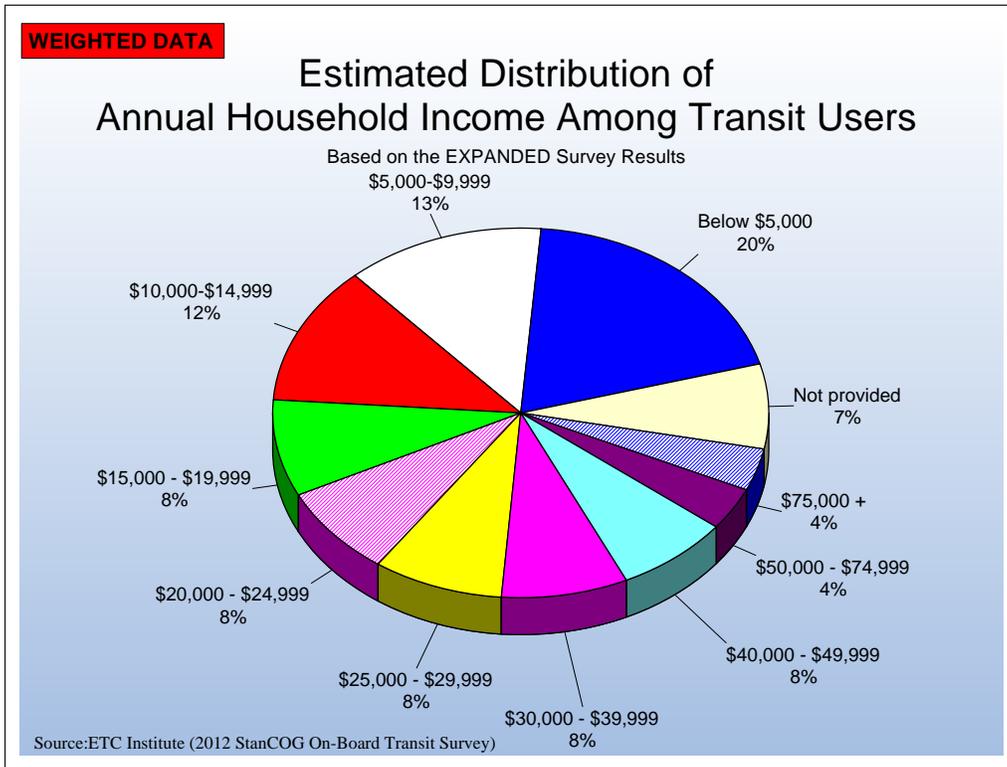












## CHAPTER 5: DATABASE DESCRIPTION

A copy of the database description is provided below and on the following pages.

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
ID_MAIN	Unique Identification Number	
DUMMY	Is this record a dummy record to simulate trips that were not captured in the survey (1=Yes 2=No)	
ROUTE_STATION	Route or Station Name	
ROUTE_STATION_NUM	Route of Station Code (Number)	
DIR_TRAVEL	Direction of Travel	
DIR_TRAVEL_CODE	Direction of Travel Code	O=Outbound from Transit Center I=Inbound Toward Transit Center
DATE	Date Survey Was Administered	
TIME_GOT_ON_THIS_BUS	Time The Respondent Boarded	
TIME_GOT_ON_THIS_BUS_CODE	Time The Respondent Boarded Code	5=Before 6am 6=6am-6:59am 7=7am-7:59am 8=8am-8:59am 9=9am-9:59am 10=10am-10:59am 11=11am-11:59am 12=12pm-12:59pm 13=1pm-1:59pm 14=2pm-2:59pm 15=3pm-3:59pm 16=4pm-4:59pm 17=5pm-5:59pm 18=6pm-6:59pm 19=7pm or later
TIME SURVEY COMPLETED	This is the time recorded by the iPad to the nearest 15 minutes when the survey began; hours are shown on a 24-hour clock	
TIME_PERIOD	Time Period to which the record was expanded (A=Before 9am; M=9am-2pm; P=after 2pm)	
WGT_FACTOR_NAME	Name of the weight factor that was used to expand the database First Portion=ROUTE NUMBER; TIME OF DAY, and THEN DIRECTION	

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
UNLINKED TRIP MULTIPLIER	Expansion factor used to expand the data to unlinked trips (boardings)	
HOME_ADDRESS	Home Address	
HOME_CITY	Home City	
HOME_STATE	Home State	
HOME_ZIP	Home Zip Code	
HOME_LONNUM	Home Longitude	
HOME_LATNUM	Home Latitude	
ORIGIN_TYPE	Origin Type of Place	
ORIGIN_TYPE_CODE	Origin Type of Place Code	1=Your WORKPLACE 2=School (grades K-12) 3=Airport (as an air passenger) 4=Recreation/sightseeing 5=Medical appointment/doctor's visit 6=Social visit/church/personal/friend's house 7=College/University (students only) 8=Your HOME 9=Other 10=Shopping 11=Hotel
ORIGIN_NAME	Origin Place Name	
ORIGIN_ADDRESS	Origin Address	
ORIGIN_CITY	Origin City	
ORIGIN_STATE	Origin State	
ORIGIN_ZIP	Origin Zip Code	
ORIGIN_LONNUM	Origin Longitude	
ORIGIN_LATNUM	Origin Latitude	
ACCESS_MODE_FROM_ORIGIN	Mode of Access from the Origin to the Transit System	

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
ACCESS_MODE_FROM_ORIGIN_CODE	Mode of Access from the Origin to the Transit System Code	1=Walk 2=Bike 3=Was dropped off by someone 4= Drove alone and parked 5= Drove or rode with others and parked 6=Wheelchair/scooter 7=Other
ACCESS_MODE_FROM_ORIGIN_OTHER	Mode of Access from Origin if OTHER	
FROM_ORIGIN_WALK_DIST	Distance walked from Origin to Transit System	
FROM_ORIGIN_WALK_DIST_CODE	Distance walked from Origin to Transit System Code	1=0 to .25 miles 2=.25 to .5 miles 3=.5 to 1 mile 4=1 to 2 miles 5=2 to 5 miles 6=5 or more miles 99=Not Sure
FROM_ORIGIN_BIKED_MILES	Distance bike from Origin to Transit System in miles	1=0 to .25 miles 2=.25 to .5 miles 3=.5 to 1 mile 4=1 to 2 miles 5=2 to 5 miles 6=5 or more miles 99=Not Sure
FROM_ORIGIN_PARK_AND_RIDE	Park and Ride Location if Drove/Carpoled to the Transit System	
FROM_TRANSFERS	Did the Passenger Transfer FROM another route before boarding the route on which the survey was conducted	

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
FROM_TRANSFERS_CODE	Did the Passenger Transfer FROM another route before boarding the route on which the survey was conducted (Code)	1=Yes 2=No 9=Not provided
1st Transfer FROM	1st Route/Station Transfer FROM	
2nd Transfer FROM	2nd Route/Station Transfer FROM	
3rd Transfer FROM	3rd Route/Station Transfer FROM	
ON_LOCATION	Description of the location where the respondent BOARDED	
ON_LONNUM	Boarding Longitude	
ON_LATNUM	Boarding Latitude	
OFF_LOCATION	Description of the location where the respondent GOT OFF	
OFF_LONNUM	Alighting Longitude	
OFF_LATNUM	Alighting Latitude	
TO_TRANSFER	Will the respondent transfer TO another route	
TO_TRANSFER_CODE	Will the respondent transfer TO another route (code)	1=Yes 2=No 9=Not provided
1st Transfer TO	1st Route/Station Transfer TO	
2nd Transfer TO	2nd Route/Station Transfer TO	
3rd Transfer TO	3rd Route/Station Transfer TO	
DESTIN_TYPE	Destination Type of Place	

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
DESTIN_TYPE_CODE	Destination Type of Place Code	1=Your WORKPLACE 2=School (grades K-12) 3=Airport (as an air passenger) 4=Recreation/sightseeing 5=Medical appointment/doctor's visit 6=Social visit/church/personal/friend's house 7=College/University (students only) 8=Your HOME 9=Other 10=Shopping 11=Hotel
DESTIN_NAME	Destination Place Name	
DESTIN_ADDRESS	Destination Address	
DESTIN_CITY	Destination City	
DESTIN_STATE	Destination State	
DESTIN_ZIP	Destination Zip Code	
DESTIN_LONNUM	Destination Longitude	
DESTIN_LATNUM	Destination Latitude	
ACCESS_MODE_TO_DESTIN	Mode of Access to the Destination from the Transit System	

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
ACCESS_MODE_TO_DESTIN_CODE	Mode of Access to the Destination from the Transit System Code	1=Walk 2=Bike 3=Was dropped off by someone 4= Drove alone and parked 5= Drove or rode with others and parked 6=Wheelchair/scooter 7=Other
ACCESS_MODE_TO_DESTIN_OTHER	Mode of Access to Destination if OTHER	
TO_DESTIN_WALK_DISTANCE	Distance walked to Destination from Transit System	
TO_DESTIN_WALK_DISTANCE_CODE	Distance walked to Destination from Transit System Code	1=0 to .25 miles 2=.25 to .5 miles 3=.5 to 1 mile 4=1 to 2 miles 5=2 to 5 miles 6=5 or more miles 99=Not Sure
TO_DESTIN_BIKED_MILES	Distance bike to Destination from Transit System in miles	1=0 to .25 miles 2=.25 to .5 miles 3=.5 to 1 mile 4=1 to 2 miles 5=2 to 5 miles 6=5 or more miles 99=Not Sure
DESTIN_PARK_AND_RIDE	Park and Ride Location if the Respondent will Drive/Carpool from the Transit System	
IF_NO_TRANSIT_HOW_TRAVEL	If Transit was not available, how would the respondent have completed the trip	

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
IF_NO_TRANSIT_HOW_TRAVEL_CODE	If Transit was not available, how would the respondent have completed the trip Code	1=I could not make this trip 2=Drive with someone else 3=Taxi 4=Walk/Bike 5=Drive myself 9=Don't know how I would make this trip
VEH_IN_HH	Vehicles in the household	
VEH_IN_HH_CODE	Vehicles in the household Code	0=None 1=One 2=Two 3=Three 4=Four or more 99=Refused
ADULTS_IN_HH	Number of adults in the household	
ADULTS_IN_HH_CODE	Number of adults in the household Code	1=1 person 2=2 people 3=3 people 4=4 people 5=5 people 6=6 people 7=7 people 8=8 people 9=9 people 10=10 people
EMPLOYED_OUTSIDE	Number of employed persons in the household	

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
EMPLOYED_OUTSIDE_CODE	Number of employed persons in the household Code	0=Zero 1=1 person 2=2 people 3=3 people 4=4 people 5=5 people 6=6 people 7=7 people 8=8 people 9=9 people 10=10 people
INCOME	Annual household income	
INCOME_CODE	Annual household income Code	1=Below \$5,000 2=\$5,000-\$9,999 3=\$10,000-\$14,999 4=\$15,000 - \$19,999 5=\$20,000 - \$24,999 6=\$25,000 - \$29,999 7=\$30,000 - \$39,999 8=\$40,000 - \$49,999 9=\$50,000 - \$74,999 10=\$75,000 + 99=Not provided
HAVE_TIME_TO_COMPLETE_FULL_SURVEY	Did the respondent have time to finish the remaining questions on the survey (asked to be sure short trips were represented)	
HAVE_TIME_TO_COMPLETE_FULL_SURVEY_CODE	Did the respondent have time to finish the remaining questions on the survey (asked to be sure short trips were represented) Code	
DRIVERS_LIC	Does the respondent have a valid drivers license	
DRIVERS_LIC_CODE	Does the respondent have a valid drivers license code	1=Yes 2=No 9=Not provided
EMPLOYMENT_STATUS	Employment status of the respondent	

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
EMPLOYMENT_STATUS_CODE	Employment status of the respondent code	1=Employed full-time 2=Employed part-time 3=Not currently employed but seeking work 4=Not currently employed and not seeking work 5=Retired 6=Homemaker 7=Other 9=Not provided
STUDENT_STATUS	Student status of the respondent	
STUDENT_STATUS_CODE	Student status of the respondent code	1=Not a student 4=Yes-Full Time college/university 2=Yes-student thru 12th grade 5=Yes - Part Time college/university 3=Yes-other 9=Not Provided
SCHOOL_NAME	If a Student - name of school attended	
HOW_LONG_USING_Transit here	How long the respondent has been using transit services	
HOW_LONG_USING_TRANSPORTATION_CODE	How long the respondent has been using transit services code	1=Less than 1 year 2=1 to 2 years 3=3 to 5 years 4=6 to 9 years 5=10 to 14 years 6=more than 15 years
HOW_OFTEN_USE_TRANSIT	How often the respondent uses transit	

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
HOW_OFTEN_USE_TRANSIT_CODE	How often the respondent uses transit code	0=Less than once a week 1=1 day 2=2 days 3=3 days 4=4 days 5=5 days 6=6 days 7=7 days
HOW_PAID_FOR_TRIP	How the respondent paid for his/her trip	
HOW_PAID_FOR_TRIP_CODE	How the respondent paid for his/her trip code	1=Cash Fare 2=Monthly Pass 3=Ticket 4=Day Pass 5=Transfer Pass 6=Single Fare Card 7=20 Ride Card 8=31 Day Pass 9=Fast Fare Card 10=10-Ride Cruising Pass 11=Other 99=Don't know
FARE_DISCOUNTS	Types of Fare Discounts used	
FARE_DISCOUNTS_CODE	Types of Fare Discounts used code	0=None 1=Student discount 2=Senior discount 3=Disability discount 4=Medicare Card Holder 5=Other
FARE_DISCOUNTS_OTHER	Types of Fare Discounts used if OTHER	
AGE	Age of Respondent	

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
AGE_CODE	Age of Respondent Code	1=Under 18 2=18-24 3=25-34 4=35-44 5=45-54 6=55-64 7=65+ 9=Not Provided
LANGUAGE	Does the respondent speak a language other than English	
LANGUAGE_CODE	Does the respondent speak a language other than English code	1=Yes 2=No 9=Not provided
GENDER	Gender	
GENDER_CODE	Gender code	1=Male 2=Female 9=Not provided
ETHNICITY	Race/Ethnicity of respondent	
ETHNICITY_CODE_1	Race/Ethnicity Code 1	1=Asian 3=Hispanic/Latino 5=American Indian or Alaska Native 2=White 4=Black/African American 6=Native Hawaiian/Pacific Islander 9=Other

# StanCOG Regional 2012 On-Board Transit Survey

## Data Dictionary

VARIABLE NAME	DESCRIPTION	Values
ETHNICITY_CODE_2	Race/Ethnicity Code 2	1=Asian 3=Hispanic/Latino 5=American Indian or Alaska Native 2=White 4=Black/African American 6=Native Hawaiian/Pacific Islander 9=Other
ETHNICITY_CODE_3	Race/Ethnicity Code 3	1=Asian 3=Hispanic/Latino 5=American Indian or Alaska Native 2=White 4=Black/African American 6=Native Hawaiian/Pacific Islander 9=Other
Total Addresses Geocoded Out of 5	Number of the five key addresses (home, origin, boarding, alighting, and destination) that were geocoded) out of five	
TOTAL REPORTED TRANSFERS	Total number of transfers reported by the respondent	
HOME_TAZ	TAZ Number of the Home location	
ORIGIN_TAZ	TAZ Number of the Origin location	
ON_TAZ	TAZ Number of the Boarding location	
OFF_TAZ	TAZ Number of the Alighting location	
DESTIN_TAZ	TAZ Number of the Destination location	

## CHAPTER 6: UNWEIGHTED TABULAR DATA

The unweighted survey results are provided on the following pages.

**What is your HOME City?**

HOME CITY	Number	Percent
Atwater	1	0.1 %
Berkley	1	0.1 %
Bret Harte	5	0.6 %
Bystrom	1	0.1 %
Ceres	46	5.1 %
Clayton	1	0.1 %
Crows Landing	1	0.1 %
Delhi	5	0.6 %
Denair	1	0.1 %
Dencur	1	0.1 %
Dublin	1	0.1 %
Empire	1	0.1 %
Escalon	4	0.4 %
Fresno	1	0.1 %
Gustine	1	0.1 %
Hughson	1	0.1 %
Hilmar	1	0.1 %
Keys	4	0.4 %
Livingston	1	0.1 %
Manteca	1	0.1 %
Merced	2	0.2 %
Modesto	613	68.6 %
Newman	7	0.8 %
Oakdale	19	2.1 %
Patterson	17	1.9 %
Pleasanton	3	0.3 %
Riverbank	18	2.0 %
Salida	9	1.0 %
Salina	1	0.1 %
San Francisco	1	0.1 %
Santa Cruz	1	0.1 %
Shackelford	5	0.6 %
Turlock	106	11.9 %
Waterford	6	0.7 %
West Modesto	7	0.8 %
Total	894	100.0 %

**What is your HOME Zip Code?**

<u>HOME ZIP</u>	<u>Number</u>	<u>Percent</u>
93704	1	0.1 %
94109	1	0.1 %
94517	1	0.1 %
94568	1	0.1 %
94588	3	0.3 %
94704	1	0.1 %
95060	1	0.1 %
95301	1	0.1 %
95307	36	4.0 %
95313	1	0.1 %
95315	5	0.6 %
95316	2	0.2 %
95320	4	0.4 %
95322	1	0.1 %
95324	1	0.1 %
95326	1	0.1 %
95328	4	0.4 %
95334	1	0.1 %
95340	1	0.1 %
95348	1	0.1 %
95350	140	15.7 %
95351	150	16.8 %
95354	118	13.2 %
95355	89	10.0 %
95356	66	7.4 %
95357	10	1.1 %
95358	63	7.0 %
95360	7	0.8 %
95361	19	2.1 %
95363	17	1.9 %
95367	18	2.0 %
95368	9	1.0 %
95380	70	7.8 %
95382	33	3.7 %
95383	1	0.1 %
95386	6	0.7 %
<u>Not Provided</u>	<u>10</u>	<u>1.1 %</u>
Total	894	100.0 %

**Q1. What type of place are you COMING FROM now?**

<u>ORIGIN TYPE</u>	<u>Number</u>	<u>Percent</u>
Your WORKPLACE	50	5.6 %
School (grades K-12)	6	0.7 %
Recreation/sightseeing	9	1.0 %
Medical appointment/doctor's visit	20	2.2 %
Social visit/church/personal/friend's house	76	8.5 %
College/University (students only)	20	2.2 %
Your HOME	660	73.8 %
Other	4	0.4 %
Shopping	48	5.4 %
Hotel	1	0.1 %
Total	894	100.0 %

**Q3a. What is the City of the place you are coming from?**

<u>ORIGIN CITY</u>	<u>Number</u>	<u>Percent</u>
Atwater	1	0.1 %
Berkley	1	0.1 %
Bret Harte	3	0.3 %
Bystrom	1	0.1 %
Ceres	39	4.4 %
Clayton	1	0.1 %
Crows Landing	1	0.1 %
Delhi	3	0.3 %
Dencur	1	0.1 %
Empire	1	0.1 %
Gustine	1	0.1 %
Hughson	1	0.1 %
Keys	5	0.6 %
Lathrop	1	0.1 %
Livermore	1	0.1 %
Livingston	1	0.1 %
Manteca	1	0.1 %
Merced	3	0.3 %
Modesto	642	71.8 %
Newman	4	0.4 %
Oakdale	16	1.8 %
Oakland	2	0.2 %
Patterson	14	1.6 %
Pleasanton	3	0.3 %
Riverbank	11	1.2 %
Salida	8	0.9 %
Salina	1	0.1 %
San Francisco	9	1.0 %
Saratoga	1	0.1 %
Shackelford	6	0.7 %
Turlock	100	11.2 %
Valley Home	1	0.1 %
Waterford	4	0.4 %
West Modesto	6	0.7 %
Total	894	100.0 %

**Q3b. What is the Zip Code of the place you are coming from?**

<u>ORIGIN ZIP</u>	<u>Number</u>	<u>Percent</u>
94103	2	0.2 %
94104	2	0.2 %
94108	1	0.1 %
94109	1	0.1 %
94111	1	0.1 %
94121	1	0.1 %
94551	1	0.1 %
94588	3	0.3 %
94606	1	0.1 %
94704	1	0.1 %
95301	1	0.1 %
95307	33	3.7 %
95313	1	0.1 %
95315	3	0.3 %
95316	1	0.1 %
95322	1	0.1 %
95326	1	0.1 %
95328	5	0.6 %
95334	1	0.1 %
95340	1	0.1 %
95348	1	0.1 %
95350	130	14.5 %
95351	130	14.5 %
95353	1	0.1 %
95354	122	13.6 %
95355	79	8.8 %
95356	60	6.7 %
95357	7	0.8 %
95358	53	5.9 %
95360	4	0.4 %
95361	17	1.9 %
95363	12	1.3 %
95367	11	1.2 %
95368	8	0.9 %
95380	60	6.7 %
95381	2	0.2 %
95382	30	3.4 %
95383	1	0.1 %
95386	4	0.4 %
Not Provided	100	11.2 %
Total	894	100.0 %

**Q4. How did you get from the place in Question #1 to the very FIRST bus or train you used for this one-way trip?**

<u>ACCESS MODE</u>	<u>Number</u>	<u>Percent</u>
Walk	781	87.4 %
Bike	32	3.6 %
Was dropped off by someone	44	4.9 %
Drove alone and parked	17	1.9 %
Drove or rode with others and parked	8	0.9 %
Wheelchair/scooter	12	1.3 %
Total	894	100.0 %

**Q4b. IF BIKED: How many miles?**

<u>NUMBER OF MILES BIKED</u>	<u>Number</u>	<u>Percent</u>
0 to .25 miles	2	6.3 %
.25 to .5 miles	7	21.9 %
.5 to 1 mile	12	37.5 %
1 to 2 miles	7	21.9 %
2 to 5 miles	3	9.4 %
5 or more miles	1	3.1 %
Total	32	100.0 %

**Q5. What type of place are you GOING TO now?**

<u>DESTINATION TYPE</u>	<u>Number</u>	<u>Percent</u>
Your WORKPLACE	176	19.7 %
School (grades K-12)	44	4.9 %
Recreation/sightseeing	38	4.3 %
Medical appointment/doctor's visit	64	7.2 %
Social visit/church/personal/friend's house	244	27.3 %
College/University (students only)	115	12.9 %
Your HOME	78	8.7 %
Shopping	135	15.1 %
Total	894	100.0 %

**Q7a. What is the City of the place where you are going?**

<u>DESTINATION CITY</u>	<u>Number</u>	<u>Percent</u>
West Modesto	3	0.3 %
Waterford	4	0.4 %
Turlock	73	8.2 %
Stockton	2	0.2 %
Shackelford	1	0.1 %
San Jose	4	0.4 %
San Francisco	3	0.3 %
Salida	8	0.9 %
Riverbank	8	0.9 %
Pleasanton	5	0.6 %
Patterson	9	1.0 %
Orinda	1	0.1 %
Oakdale	8	0.9 %
Newman	2	0.2 %
Mountain View	1	0.1 %
Modesto	704	78.7 %
Merced	4	0.4 %
McHenry	1	0.1 %
Hilmar	1	0.1 %
Gustine	2	0.1 %
Fremont	1	0.1 %
Escalon	1	0.1 %
Dublin	2	0.2 %
Delhi	2	0.2 %
Ceres	38	4.3 %
Bystrom	4	0.4 %
<u>Bret Harte</u>	<u>2</u>	<u>0.2 %</u>
Total	894	100.0 %

**Q7b. What is the Zip Code of the place where you are going?**

<u>DESTINATION ZIP</u>	<u>Number</u>	<u>Percent</u>
94043	1	0.1 %
94104	1	0.1 %
94105	1	0.1 %
94111	1	0.1 %
94555	1	0.1 %
94563	1	0.1 %
94568	2	0.2 %
94588	5	0.6 %
95050	1	0.1 %
95112	2	0.2 %
95134	1	0.1 %
95204	1	0.1 %
95207	1	0.1 %
95307	18	2.0 %
95315	2	0.2 %
95320	1	0.1 %
95322	2	0.2 %
95324	1	0.1 %
95340	1	0.1 %
95348	3	0.3 %
95350	93	10.4 %
95351	83	9.3 %
95354	82	9.2 %
95355	35	3.9 %
95356	40	4.5 %
95357	2	0.2 %
95358	32	3.6 %
95359	1	0.1 %
95360	2	0.2 %
95361	8	0.9 %
95363	8	0.9 %
95367	8	0.9 %
95368	6	0.7 %
95380	48	5.4 %
95381	1	0.1 %
95382	13	1.5 %
95385	1	0.1 %
95386	4	0.4 %
<u>Not Provided</u>	<u>380</u>	<u>42.5 %</u>
Total	894	100.0 %

**Q8. How will you get to your destination (the place listed in Question #5) once you get off the LAST bus (or train) you are using for this one-way trip?**

<u>EGRESS MODE</u>	<u>Number</u>	<u>Percent</u>
Walk	805	90.0 %
Bike	33	3.7 %
Was dropped off by someone	13	1.5 %
Drove alone and parked	10	1.1 %
Drove or rode with others and parked	7	0.8 %
Wheelchair/scooter	13	1.5 %
Other	13	1.5 %
Total	894	100.0 %

**Q8a. IF BIKED: How many miles?**

<u>NUMBER OF MILES BIKED TO DESTINATION</u>	<u>Number</u>	<u>Percent</u>
0 to .25 miles	1	3.0 %
.25 to .5 miles	4	12.1 %
.5 to 1 mile	15	45.5 %
1 to 2 miles	5	15.2 %
2 to 5 miles	4	12.1 %
5 or more miles	3	9.1 %
Not Sure	1	3.0 %
Total	33	100.0 %

**Q12. Did you transfer FROM another bus or train BEFORE getting on this bus?**

<u>TRANSFER FROM</u>	<u>Number</u>	<u>Percent</u>
Yes	258	28.9 %
No	636	71.1 %
Total	894	100.0 %

**Q13. Will you transfer TO another bus or train AFTER getting off this bus?**

<u>TRANSFER TO</u>	<u>Number</u>	<u>Percent</u>
Yes	256	28.6 %
No	638	71.4 %
Total	894	100.0 %

**Q15. If bus service had not been available today, how would you have made this trip?**

<u>IF NO TRANSIT HOW WOULD RIDER MAKE TRIP</u>	<u>Number</u>	<u>Percent</u>
I could not make this trip	318	35.6 %
Drive with someone else	239	26.7 %
Taxi	32	3.6 %
Walk/Bike	223	24.9 %
Drive myself	63	7.0 %
Don't know how I would make this trip	19	2.1 %
Total	894	100.0 %

**Q16. How long have you been using public transportation in Stanislaus County?**

<u>HOW LONG USING TRANSIT HERE</u>	<u>Number</u>	<u>Percent</u>
Less than 1 year	220	24.6 %
1 to 2 years	187	20.9 %
3 to 5 years	223	24.9 %
6 to 9 years	107	12.0 %
10 to 14 years	77	8.6 %
more than 15 years	80	8.9 %
Total	894	100.0 %

**Q17. How many days per week do you usually use public transit?**

<u>DAYS PER WEEK USING TRANSIT</u>	<u>Number</u>	<u>Percent</u>
Less than once a week	47	5.3 %
1 day	29	3.2 %
2 days	84	9.4 %
3 days	128	14.3 %
4 days	172	19.2 %
5 days	254	28.4 %
6 days	71	7.9 %
7 days	109	12.2 %
Total	894	100.0 %

**Q18. How did you pay for your trip today?**

<u>HOW RIDER PAID FOR TRIP</u>	<u>Number</u>	<u>Percent</u>
Cash Fare	520	58.2 %
Monthly Pass	199	22.3 %
Ticket	46	5.1 %
Day Pass	63	7.0 %
Transfer Pass	43	4.8 %
Single Fare Card	8	0.9 %
20 Ride Card	2	0.2 %
31 Day Pass	1	0.1 %
Fast Fare Card	1	0.1 %
10-Ride Cruising Pass	3	0.3 %
Other	4	0.4 %
<u>Don't know</u>	<u>4</u>	<u>0.4 %</u>
Total	894	100.0 %

**Q19. Did you receive any of the following special fare discounts for your trip today?**

<u>FARE DISCOUNTS</u>	<u>Number</u>	<u>Percent</u>
None	553	61.9 %
Student discount	166	18.6 %
Senior discount	49	5.5 %
Disability discount	109	12.2 %
Medicare Card Holder	4	0.4 %
Other	13	1.5 %
Total	894	100.0 %

**Q20. How many WORKING vehicles (cars, trucks, or motorcycles) are available to your household?**

<u>NUMBER OF WORKING VEHICLES</u>	<u>Number</u>	<u>Percent</u>
None	416	46.5 %
One vehicle	255	28.5 %
Two vehicles	153	17.1 %
Three vehicles	50	5.6 %
<u>Four or more</u>	<u>20</u>	<u>2.2 %</u>
Total	894	100.0 %

**Q21. Including YOU, how many ADULTS live in your household?**

<u>NUMBER OF ADULTS IN HOUSEHOLD</u>	<u>Number</u>	<u>Percent</u>
1 person	222	24.8 %
2 people	301	33.7 %
3 people	205	22.9 %
4 people	92	10.3 %
5 people	42	4.7 %
6 people	10	1.1 %
7 people	6	0.7 %
8 people	3	0.3 %
9 people	6	0.7 %
10 people	7	0.8 %
Total	894	100.0 %

**Q22. Including YOU, how many people in your household work outside the home?**

<u>NUMBER OF EMPLOYED IN HOUSEHOLD</u>	<u>Number</u>	<u>Percent</u>
Zero	216	24.2 %
1 person	342	38.3 %
2 people	226	25.3 %
3 people	67	7.5 %
4 people	31	3.5 %
5 people	7	0.8 %
6 people	3	0.3 %
10 people	2	0.2 %
Total	894	100.0 %

**Q23. Are you: (check the response that BEST describes you)**

<u>EMPLOYMENT STATUS</u>	<u>Number</u>	<u>Percent</u>
Employed full-time	199	22.3 %
Employed part-time	203	22.7 %
Not currently employed but seeking work	181	20.2 %
Not currently employed and not seeking work	192	21.5 %
Retired	67	7.5 %
Homemaker	15	1.7 %
Other	35	3.9 %
Not provided	2	0.2 %
Total	894	100.0 %

**Q24. Are you a student? (check the one response that BEST describes you)**

<u>STUDENT STATUS</u>	<u>Number</u>	<u>Percent</u>
Not a student	623	69.7 %
Yes-student thru 12th grade	60	6.7 %
Yes-other	4	0.4 %
Yes-Full Time college/university	119	13.3 %
Yes - Part Time college/university	87	9.7 %
Not Provided	1	0.1 %
Total	894	100.0 %

**Q25. Do you have a valid driver's license?**

<u>DRIVERS LICENSE</u>	<u>Number</u>	<u>Percent</u>
Yes	375	41.9 %
No	519	58.1 %
Total	894	100.0 %

**Q26. Do you have a certified physical disability that limits your mobility?**

<u>DISABILITY</u>	<u>Number</u>	<u>Percent</u>
Yes	168	18.8 %
No	714	79.9 %
Not Provided	12	1.3 %
Total	894	100.0 %

**Q27. What is your AGE:**

<u>AGE</u>	<u>Number</u>	<u>Percent</u>
Under 18	55	6.2 %
18-24	245	27.4 %
25-34	163	18.2 %
35-44	142	15.9 %
45-54	138	15.4 %
55-64	100	11.2 %
65+	49	5.5 %
Not Provided	2	0.2 %
Total	894	100.0 %

**Q28. How would you describe your race/ethnicity?**

RACE	Number	Percent
Asian	29	3.2 %
Hispanic/Latino	303	33.9 %
American Indian or Alaska Native	13	1.5 %
White	409	45.7 %
Black/African American	121	13.5 %
Native Hawaiian/Pacific Islander	5	0.6 %
Other	14	1.6 %
Total	894	100.0 %

**Q29. Your Gender:**

GENDER	Number	Percent
Male	442	49.4 %
Female	452	50.6 %
Total	894	100.0 %

**Q30. Do you speak a language other than English at home?**

SPEAK LANGUAGE OTHER THAN ENGLISH	Number	Percent
Yes	238	26.6 %
No	656	73.4 %
Total	894	100.0 %

**Q31. Which of the following categories BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME?**

INCOME	Number	Percent
Below \$5,000	175	19.6 %
\$5,000-\$9,999	114	12.8 %
\$10,000-\$14,999	106	11.9 %
\$15,000 - \$19,999	73	8.2 %
\$20,000 - \$24,999	73	8.2 %
\$25,000 - \$29,999	72	8.1 %
\$30,000 - \$39,999	76	8.5 %
\$40,000 - \$49,999	65	7.3 %
\$50,000 - \$74,999	42	4.7 %
\$75,000 +	37	4.1 %
Not provided	61	6.8 %
Total	894	100.0 %

## CHAPTER 7: WEIGHTED TABULAR DATA

The weighted survey results are provided on the following pages.

**What is your HOME City?**

<u>HOME CITY</u>	<u>Number</u>	<u>Percent</u>
Atwater	12	0.1 %
Berkley	1	0.0 %
Bret Harte	103	0.7 %
Bystrom	15	0.1 %
Ceres	677	4.9 %
Clayton	21	0.2 %
Crows Landing	1	0.0 %
Delhi	70	0.5 %
Denair	17	0.1 %
Dencur	7	0.1 %
Dublin	4	0.0 %
Empire	14	0.1 %
Escalon	71	0.5 %
Fresno	29	0.2 %
Gustine	6	0.0 %
Hughson	7	0.1 %
Hilmar	21	0.2 %
Keys	34	0.2 %
Livingston	3	0.0 %
Manteca	1	0.0 %
Merced	7	0.1 %
Modesto	10074	73.2 %
Newman	54	0.4 %
Oakdale	248	1.8 %
Patterson	197	1.4 %
Pleasanton	6	0.0 %
Riverbank	239	1.7 %
Salida	118	0.9 %
Salina	7	0.1 %
San Francisco	1	0.0 %
Santa Cruz	19	0.1 %
Shackelford	97	0.7 %
Turlock	1358	9.9 %
Waterford	59	0.4 %
West Modesto	170	1.2 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**What is your HOME Zip Code?**

HOME ZIP	Number	Percent
93704	29	0.2 %
94109	1	0.0 %
94517	21	0.2 %
94568	4	0.0 %
94588	6	0.0 %
94704	1	0.0 %
95060	19	0.1 %
95301	12	0.1 %
95307	503	3.7 %
95313	1	0.0 %
95315	70	0.5 %
95316	24	0.2 %
95320	71	0.5 %
95322	6	0.0 %
95324	21	0.2 %
95326	7	0.1 %
95328	34	0.2 %
95334	3	0.0 %
95340	4	0.0 %
95348	3	0.0 %
95350	2303	16.7 %
95351	2450	17.8 %
95354	2048	14.9 %
95355	1449	10.5 %
95356	987	7.2 %
95357	146	1.1 %
95358	1124	8.2 %
95360	54	0.4 %
95361	248	1.8 %
95363	197	1.4 %
95367	238	1.7 %
95368	118	0.9 %
95380	954	6.9 %
95382	368	2.7 %
95383	8	0.1 %
95386	59	0.4 %
Not Provided	177	1.3 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**Q1. What type of place are you COMING FROM now?**

<u>ORIGIN TYPE</u>	<u>Number</u>	<u>Percent</u>
Your WORKPLACE	623	4.5 %
School (grades K-12)	113	0.8 %
Recreation/sightseeing	197	1.4 %
Medical appointment/doctor's visit	347	2.5 %
Social visit/church/personal/friend's house	1375	10.0 %
College/University (students only)	311	2.3 %
Your HOME	9919	72.0 %
Other	50	0.4 %
Shopping	830	6.0 %
Hotel	3	0.0 %
Total	13768	100.0 %

**Q3a. What is the City of the place you are coming from?**

<u>ORIGIN CITY</u>	<u>Number</u>	<u>Percent</u>
Atwater	12	0.1 %
Berkley	1	0.0 %
Bret Harte	45	0.3 %
Bystrom	15	0.1 %
Ceres	544	4.0 %
Clayton	21	0.2 %
Crows Landing	1	0.0 %
Delhi	31	0.2 %
Dencur	7	0.1 %
Empire	14	0.1 %
Gustine	6	0.0 %
Hughson	7	0.1 %
Keyes	44	0.3 %
Lathrop	25	0.2 %
Livingston	3	0.0 %
Manteca	1	0.0 %
Merced	10	0.1 %
Modesto	10800	78.4 %
Newman	33	0.2 %
Oakdale	191	1.4 %
Oakland	7	0.1 %
Patterson	130	0.9 %
Pleasanton	3	0.0 %
Riverbank	141	1.0 %
Salida	115	0.8 %
Salina	7	0.1 %
San Francisco	29	0.2 %
Saratoga	25	0.2 %
Shackelford	116	0.8 %
Turlock	1185	8.6 %
Valley Home	14	0.1 %
Waterford	43	0.3 %
West Modesto	141	1.0 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**Q3b. What is the Zip Code of the place you are coming from?**

<u>ORIGIN ZIP</u>	<u>Number</u>	<u>Percent</u>
94103	7	0.1 %
94104	7	0.1 %
94108	3	0.0 %
94109	1	0.0 %
94111	3	0.0 %
94121	4	0.0 %
94551	1	0.0 %
94588	3	0.0 %
94606	4	0.0 %
94704	1	0.0 %
95301	12	0.1 %
95307	447	3.2 %
95313	1	0.0 %
95315	31	0.2 %
95316	7	0.1 %
95322	6	0.0 %
95326	7	0.1 %
95328	44	0.3 %
95334	3	0.0 %
95340	4	0.0 %
95348	3	0.0 %
95350	2115	15.4 %
95351	2123	15.4 %
95353	4	0.0 %
95354	2065	15.0 %
95355	1283	9.3 %
95356	972	7.1 %
95357	114	0.8 %
95358	928	6.7 %
95360	33	0.2 %
95361	205	1.5 %
95363	118	0.9 %
95367	140	1.0 %
95368	115	0.8 %
95380	775	5.6 %
95381	36	0.3 %
95382	296	2.1 %
95383	8	0.1 %
95386	43	0.3 %
Not Provided	1796	13.0 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**Q4. How did you get from the place in Question #1 to the very FIRST bus or train you used for this one-way trip?**

<u>ACCESS MODE</u>	<u>Number</u>	<u>Percent</u>
Walk	12515	90.9 %
Bike	383	2.8 %
Was dropped off by someone	449	3.3 %
Drove alone and parked	146	1.1 %
Drove or rode with others and parked	56	0.4 %
Wheelchair/scooter	219	1.6 %
Total	13768	100.0 %

**Q4b. IF BIKED: How many miles?**

<u>NUMBER OF MILES BIKED</u>	<u>Number</u>	<u>Percent</u>
.25 to .5 miles	95	24.8 %
1 to 2 miles	72	18.8 %
.5 to 1 mile	145	37.9 %
0 to .25 miles	18	4.7 %
2 to 5 miles	39	10.2 %
5 or more miles	14	3.7 %
Total	383	100.0 %

**Q5. What type of place are you GOING TO now?**

<u>DESTINATION TYPE</u>	<u>Number</u>	<u>Percent</u>
Your WORKPLACE	2185	15.9 %
School (grades K-12)	650	4.7 %
Recreation/sightseeing	707	5.1 %
Medical appointment/doctor's visit	980	7.1 %
Social visit/church/personal/friend's house	4268	31.0 %
College/University (students only)	1527	11.1 %
Your HOME	1069	7.8 %
Shopping	2382	17.3 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**Q7a. What is the City of the place where you are going?**

<u>DESTINATION CITY</u>	<u>Number</u>	<u>Percent</u>
West Modesto	60	0.4 %
Waterford	51	0.4 %
Turlock	1037	7.5 %
Stockton	33	0.2 %
Shackelford	14	0.1 %
San Jose	29	0.2 %
San Francisco	11	0.1 %
Salida	91	0.7 %
Riverbank	118	0.9 %
Pleasanton	34	0.2 %
Patterson	103	0.7 %
Orinda	9	0.1 %
Oakdale	138	1.0 %
Newman	15	0.1 %
Mountain View	7	0.1 %
Modesto	11125	80.8 %
Merced	19	0.1 %
McHenry	11	0.1 %
Hilmar	21	0.2 %
Gustine	10	0.0 %
Fremont	8	0.1 %
Escalon	18	0.1 %
Dublin	5	0.0 %
Delhi	29	0.2 %
Ceres	668	4.9 %
Bystrom	62	0.5 %
Bret Harte	42	0.3 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**Q7b. What is the Zip Code of the place where you are going?**

<u>DESTINATION ZIP</u>	<u>Number</u>	<u>Percent</u>
94043	7	0.1 %
94104	1	0.0 %
94105	9	0.1 %
94111	1	0.0 %
94555	8	0.1 %
94563	9	0.1 %
94568	5	0.0 %
94588	34	0.2 %
95050	8	0.1 %
95112	14	0.1 %
95134	7	0.1 %
95204	10	0.1 %
95207	23	0.2 %
95307	310	2.3 %
95315	29	0.2 %
95320	18	0.1 %
95322	10	0.1 %
95324	21	0.2 %
95340	7	0.1 %
95348	12	0.1 %
95350	1181	8.6 %
95351	1386	10.1 %
95354	1438	10.4 %
95355	507	3.7 %
95356	427	3.1 %
95357	30	0.2 %
95358	552	4.0 %
95359	3	0.0 %
95360	15	0.1 %
95361	138	1.0 %
95363	97	0.7 %
95367	118	0.9 %
95368	70	0.5 %
95380	659	4.8 %
95381	30	0.2 %
95382	187	1.4 %
95385	8	0.1 %
95386	51	0.4 %
Not Provided	6328	46.0 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**Q8. How will you get to your destination (the place listed in Question #5) once you get off the LAST bus (or train) you are using for this one-way trip?**

EGRESS MODE	Number	Percent
Walk	12723	92.4 %
Bike	424	3.1 %
Was dropped off by someone	112	0.8 %
Drove alone and parked	100	0.7 %
Drove or rode with others and parked	68	0.5 %
Wheelchair/scooter	235	1.7 %
Other	106	0.8 %
Total	13768	100.0 %

**Q8a. IF BIKED: How many miles?**

NUMBER OF MILES BIKED	Number	Percent
0 to .25 miles	2	0.5 %
.25 to .5 miles	32	7.5 %
.5 to 1 mile	195	46.0 %
1 to 2 miles	58	13.7 %
2 to 5 miles	63	14.9 %
5 or more miles	58	13.7 %
Not Sure	16	3.8 %
Total	424	100.0 %

**Q12. Did you transfer FROM another bus or train BEFORE getting on this bus?**

TRANSFER FROM	Number	Percent
Yes	4088	29.7 %
No	9680	70.3 %
Total	13768	100.0 %

**Q13. Will you transfer TO another bus or train AFTER getting off this bus?**

TRANSFER TO	Number	Percent
Yes	3969	28.8 %
No	9799	71.2 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**Q15. If bus service had not been available today, how would you have made this trip?**

<u>IF NO TRANSIT HOW MAKE TRIP</u>	<u>Number</u>	<u>Percent</u>
I could not make this trip	4886	35.5 %
Drive with someone else	3743	27.2 %
Taxi	498	3.6 %
Walk/Bike	3730	27.1 %
Drive myself	688	5.0 %
Don't know how I would make this trip	223	1.6 %
Total	13768	100.0 %

**Q16. How long have you been using public transportation in Stanislaus County?**

<u>HOW LONG USING TRANSIT HERE</u>	<u>Number</u>	<u>Percent</u>
Less than 1 year	3277	23.8 %
1 to 2 years	2793	20.3 %
2 to 5 years	3538	25.7 %
5 to 9 years	1799	13.1 %
9 to 14 years	1194	8.7 %
more than 14 years	1167	8.5 %
Total	13768	100.0 %

**Q17. How many days per week do you usually use public transit?**

<u>DAYS PER WEEK USING TRANSIT</u>	<u>Number</u>	<u>Percent</u>
Less than once a week	585	4.2 %
1 day	498	3.6 %
2 days	1427	10.4 %
3 days	2151	15.6 %
4 days	2566	18.6 %
5 days	3710	26.9 %
6 days	1074	7.8 %
7 days	1757	12.8 %
Total	13768	100.0 %

**Q18. How did you pay for your trip today?**

<u>HOW TRIP WAS PAID</u>	<u>Number</u>	<u>Percent</u>
Cash Fare	8175	59.4 %
Monthly Pass	3370	24.5 %
Ticket	447	3.2 %
Day Pass	821	6.0 %
Transfer Pass	661	4.8 %
Single Fare Card	90	0.7 %
20 Ride Card	30	0.2 %
31 Day Pass	10	0.1 %
Fast Fare Card	9	0.1 %
10-Ride Cruising Pass	56	0.4 %
Other	68	0.5 %
Don't know	31	0.2 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**Q19. Did you receive any of the following special fare discounts for your trip today?**

<u>FARE DISCOUNTS</u>	<u>Number</u>	<u>Percent</u>
None	8317	60.4 %
Student discount	2610	19.0 %
Senior discount	755	5.5 %
Disability discount	1913	13.9 %
Medicare Card Holder	39	0.3 %
Other	134	1.0 %
Total	13768	100.0 %

**Q20. How many WORKING vehicles (cars, trucks, or motorcycles) are available to your household?**

<u>NUMBER OF WORKING VEHICLES</u>	<u>Number</u>	<u>Percent</u>
None	6630	48.2 %
One vehicle	4011	29.1 %
Two vehicles	2091	15.2 %
Three vehicles	739	5.4 %
Four or more	297	2.2 %
Total	13768	100.0 %

**Q21. Including YOU, how many ADULTS live in your household?**

<u>NUMBER OF ADULTS IN HOUSEHOLD</u>	<u>Number</u>	<u>Percent</u>
1 person	3310	24.0 %
2 people	4848	35.2 %
3 people	3061	22.2 %
4 people	1448	10.5 %
5 people	569	4.1 %
6 people	146	1.1 %
7 people	100	0.7 %
8 people	62	0.5 %
9 people	99	0.7 %
10 people	125	0.9 %
Total	13768	100.0 %

**Q22. Including YOU, how many people in your household work outside the home?**

<u>EMPLOYED OUTSIDE HOME</u>	<u>Number</u>	<u>Percent</u>
Zero	3502	25.4 %
1 person	5217	37.9 %
2 people	3353	24.4 %
3 people	959	7.0 %
4 people	527	3.8 %
5 people	123	0.9 %
6 people	54	0.4 %
10 people	33	0.2 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**Q23. Are you: (check the response that BEST describes you)**

<u>EMPLOYMENT STATUS</u>	<u>Number</u>	<u>Percent</u>
Employed full-time	2778	20.2 %
Employed part-time	3034	22.0 %
Not currently employed but seeking work	2998	21.8 %
Not currently employed and not seeking work	2916	21.2 %
Retired	1107	8.0 %
Homemaker	308	2.2 %
Other	592	4.3 %
Not provided	35	0.3 %
Total	13768	100.0 %

**Q24. Are you a student? (check the one response that BEST describes you)**

<u>STUDENT STATUS</u>	<u>Number</u>	<u>Percent</u>
Not a student	9737	70.7 %
Yes-Full Time college/university	1655	12.0 %
Yes-student thru 12th grade	973	7.1 %
Yes - Part Time college/university	1348	9.8 %
Yes-other	49	0.4 %
Not Provided	6	0.0 %
Total	13768	100.0 %

**Q25. Do you have a valid driver's license?**

<u>DRIVERS LICENSE</u>	<u>Number</u>	<u>Percent</u>
Yes	5582	40.5 %
No	8186	59.5 %
Total	13768	100.0 %

**Q26. Do you have a certified physical disability that limits your mobility?**

<u>DISABILITY</u>	<u>Number</u>	<u>Percent</u>
Yes	2834	20.6 %
No	10805	78.5 %
Not Provided	129	0.9 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**Q27. What is your AGE:**

<u>AGE</u>	<u>Number</u>	<u>Percent</u>
Under 18	914	6.6 %
18-24	3722	27.0 %
25-34	2524	18.3 %
35-44	2288	16.6 %
45-54	2114	15.4 %
55-64	1432	10.4 %
65+	743	5.4 %
Not Provided	31	0.2 %
Total	13768	100.0 %

**Q28. How would you describe your race/ethnicity?**

<u>RACE</u>	<u>Number</u>	<u>Percent</u>
Asian	412	3.0 %
Hispanic/Latino	4756	34.5 %
American Indian or Alaska Native	214	1.6 %
White	6188	44.9 %
Black/African American	1940	14.1 %
Native Hawaiian/Pacific Islander	58	0.4 %
Other	200	1.5 %
Total	13768	100.0 %

**Q29. Your Gender:**

<u>GENDER</u>	<u>Number</u>	<u>Percent</u>
Male	6661	48.4 %
Female	7107	51.6 %
Total	13768	100.0 %

**Q30. Do you speak a language other than English at home?**

<u>SPEAK LANGUAGE OTHER THAN ENGLISH</u>	<u>Number</u>	<u>Percent</u>
Yes	3469	25.2 %
No	10299	74.8 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

**Q31. Which of the following categories BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME?**

<u>INCOME</u>	<u>Number</u>	<u>Percent</u>
Below \$5,000	2692	19.6 %
\$5,000-\$9,999	1773	12.9 %
\$10,000-\$14,999	1688	12.3 %
\$15,000 - \$19,999	1136	8.3 %
\$20,000 - \$24,999	1110	8.1 %
\$25,000 - \$29,999	1174	8.5 %
\$30,000 - \$39,999	1118	8.1 %
\$40,000 - \$49,999	1049	7.6 %
\$50,000 - \$74,999	528	3.8 %
\$75,000 +	514	3.7 %
Not provided	986	7.2 %
Total	13768	100.0 %

**NOTE: THE TABLES IN THIS CHAPTER ARE BASED ON EXPANDED SURVEY RESULTS**

## CHAPTER 8: SURVEY INSTRUMENT

The survey instrument is provided on the following pages.

# STANCOG On-Board Transit Survey

Route Code: \_\_\_\_\_ Time: \_\_\_\_\_ am / pm Interviewer: \_\_\_\_\_ Serial #: \_\_\_\_\_

Please take a few moments to complete this important survey. Your input will be used to plan transportation improvements to transit service in Stanislaus County. *All information will be kept strictly confidential.*

**HOME Address:** (please be specific, ex: 123 W. Main St): \_\_\_\_\_  
 (If you are visiting Stanislaus County, please list the address where you are staying)

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip Code:** \_\_\_\_\_

## COMING FROM?

1. **What type of place are you COMING FROM now** (the starting place for your one-way trip)?
  - Your WORKPLACE
  - School (grades K-12)
  - Airport (as an air passenger)
  - Recreation / sightseeing
  - Medical appointment / doctor's visit
  - Social visit / church / personal / friend's house
  - College / University (students only)
  - Your HOME → Go to Question #4
  - Other: \_\_\_\_\_
  - Shopping
  - Hotel
2. **What is the NAME of the place you are coming from now?**  
 \_\_\_\_\_
3. **What is the EXACT STREET ADDRESS of this place?**  
 \_\_\_\_\_  
 OR Intersection if street address is not known:  
 \_\_\_\_\_ & \_\_\_\_\_  
 City: \_\_\_\_\_ Zip: \_\_\_\_\_
4. **How did you get from the place in Question #1 to the very FIRST bus or train you used for this one-way trip?**
  - Walk
  - Bike – *How many miles did you bike?* \_\_\_\_\_ miles
  - Was dropped off by someone going someplace else → **answer 4a**
  - Drove alone and parked → **answer 4a**
  - Drove or rode with others and parked → **answer 4a**
  - Wheelchair/scooter
  - Other: \_\_\_\_\_
- 4a. **If you DROVE ALONE, RODE WITH OTHERS, OR WERE DROPPED OFF, what is the name of the park/ride location or nearest intersection where your vehicle was parked or the location where you were dropped off?**  
 \_\_\_\_\_

## GOING TO?

5. **What type of place are you GOING TO now** (the ending place for your one-way trip)?
  - Your WORKPLACE
  - School (grades K-12)
  - Airport (as an air passenger)
  - Recreation / sightseeing
  - Medical appointment / doctor's visit
  - Social visit / church / personal / friend's house
  - College / University (students only)
  - Your HOME → Go to Question #8
  - Other: \_\_\_\_\_
  - Shopping
  - Hotel
6. **What is the NAME of the place you are going to now?**  
 \_\_\_\_\_
7. **What is the EXACT STREET ADDRESS of this place?**  
 \_\_\_\_\_  
 OR Intersection if street address is not known:  
 \_\_\_\_\_ & \_\_\_\_\_  
 City: \_\_\_\_\_ Zip: \_\_\_\_\_
8. **How will you get to your destination** (the place listed in Question #5) **once you get off the LAST bus or train you are using for this one-way trip?**
  - Walk
  - Bike– *How many miles will you bike?* \_\_\_\_\_ miles
  - Be picked up by someone → **answer 8a**
  - Get in a parked vehicle & drive alone → **answer 8a**
  - Get in a parked vehicle & drive/ride with others → **answer 8a**
  - Wheelchair/scooter
  - Other: \_\_\_\_\_
- 8a. **If you will DRIVE ALONE, RIDE WITH OTHERS, OR GET PICKED UP, what is the name of the park/ride location or nearest intersection where your vehicle is currently parked or the location where you will be picked up?**  
 \_\_\_\_\_

## THIS BUS

(answer the following based on your current one-way trip between the places listed above)

9. **Approximately what time did you get on THIS bus?** Hour/Minute: \_\_\_\_\_ am / pm
10. **What is the nearest intersection (or name of the place) where you GOT ON this bus**  
 street 1 (or name of place): \_\_\_\_\_ & street 2: \_\_\_\_\_
11. **What is the nearest intersection (or name of the place) where you will GET OFF this bus:**  
 street 1 (or name of place): \_\_\_\_\_ & street 2: \_\_\_\_\_

### TRANSFERS

12. Did you transfer FROM another bus or train **BEFORE** getting on this bus? YES NO
13. Will you transfer TO another bus or train **AFTER** getting off this bus? YES NO
14. **If you answered YES to #12 or #13: Please list all of the bus routes you are using during your current ONE-WAY trip in order below. If you are not sure which bus you will transfer to next because more than one route will get you close to your destination, please just list ONE of the routes you might use below. ALSO, PLEASE CIRCLE THE ROUTE YOU WERE USING WHEN YOU WERE GIVEN THIS THIS SURVEY.**

**COMING FROM** → \_\_\_\_\_ → \_\_\_\_\_ → \_\_\_\_\_ → \_\_\_\_\_ → **GOING TO**  
 1st Bus Route # or Train Station      2nd Bus Route # or Train Station      3rd Bus Route # or Train Station      4th Bus Route # or Train Station

**USAGE OF PUBLIC TRANSPORTATION**

15. If TRANSIT SERVICE WAS NOT AVAILABLE, how would you make THIS ONE-WAY TRIP?  
 I could not make this trip                       Taxi                       Drive myself  
 Drive with someone else                       Walk/Bike                       Other (specify): \_\_\_\_\_
16. How long have you been using public transportation in Stanislaus County?  
 Less than 1 year     1 to 2 years     3 to 5 years     6 to 9 years     10 to 14 years     more than 15 years
17. How many days per week do you usually use public transit? \_\_\_\_\_ days (enter "0" if less than once per week)

**OTHER IMPORTANT ITEMS**

18. How did you pay for your trip today?  
 Cash Fare                       Monthly Pass     Ticket                       Day Pass                       Transfer Pass  
 Single Fare Card                       20 Ride Card     31 Day Pass     Fast Fare Card     10-Ride Cruising Pass
19. Did you receive any of the following special fare discounts for your trip today? (check one)  
 None     Student     Senior     Disability     Medicare Card Holder     Other: \_\_\_\_\_
20. How many WORKING vehicles (cars, trucks, or motorcycles) are available to your household?  
 None                       One                       Two                       Three                       Four or more
21. Including YOU, how many adults (age 18 and older) live in your household? \_\_\_\_\_ adults
22. Including YOU, how many people in your household work outside the home? \_\_\_\_\_ people
23. Are you: (check the one response that BEST describes you)  
 Employed full-time (at least 35 hours per week)                       Employed part-time (less than 35 hours per week)  
 Not currently employed but seeking work                       Retired  
 Not currently employed and not seeking work                       Homemaker
24. Are you a student? (check the one response that BEST describes you)  
 Not a student                       Yes – Full Time college/university (specify institution's name): \_\_\_\_\_  
 Yes – student thru 12<sup>th</sup> grade     Yes – Part Time college/university (specify institution's name): \_\_\_\_\_  
 Yes – other (specify institution's name): \_\_\_\_\_
25. Do you have a valid driver's license?     Yes     No
26. Do you have a certified physical disability that limits your mobility?     Yes     No
27. What is your AGE?     Under 18     18-24     25-34     35-44     45-54     55-64     65+
28. Are you?     Asian                       Hispanic/Latino                       American Indian or Alaska Native  
 White                       Black/African American                       Native Hawaiian/Pacific Islander
29. What is your gender?     Male     Female
30. Do you speak a language other than English as your primary language at home?     Yes     No
31. Which of the following categories BEST describes your TOTAL ANNUAL HOUSEHOLD INCOME?  
 Below \$5,000                       \$15,000 - \$19,999                       \$30,000 - \$39,999                       \$75,000 +  
 \$5,000-\$9,999                       \$20,000 - \$24,999                       \$40,000 - \$49,999  
 \$10,000-\$14,999                       \$25,000 - \$29,999                       \$50,000 - \$74,999

**REGISTER TO WIN \$50**

People who submit an accurately completed survey will be entered in a random drawing for one of FIVE \$50 cash prizes.  
 You must provide your home address at the beginning of the survey to be eligible.

Your Name: \_\_\_\_\_ Phone Number: (\_\_\_\_) \_\_\_\_\_

*Thank you for your help!*

**If you completed this survey before getting off the bus, please return this survey to the survey staff.  
 If you did not have time to complete the survey during your trip, please return it with 24 hours  
 using the postage-paid envelope that was provided.**